

EXHIBIT 1

**TECHNICAL
STATEMENT**

1386328_v1

KESSLER AND GEHMAN ASSOCIATES, INC.

Toquerville, UT

PAGE 1

**ENGINEERING TECHNICAL STATEMENT PREPARED BY RYAN WILHOUR OF
THE FIRM KESSLER AND GEHMAN ASSOCIATES, INC.
TELECOMMUNICATIONS CONSULTING ENGINEERS IN SUPPORT OF A
PETITION FOR RULEMAKING TO RESERVE THE VACANT COMMERCIAL FM
CHANNEL 280C TOQUERVILLE, UT¹ ALLOTMENT BY DEMONSTRATING
THAT THE APPLICANT IS TECHNICALLY PRECLUDED FROM USING A
RESERVED CHANNEL PURSUANT TO THE SECOND REPORT AND ORDER
RELEASED ON APRIL 10, 2003 IN THE MATTER OF REEXAMINATION OF
COMPARATIVE STANDARD FOR NONCOMMERCIAL EDUCATIONAL
APPLICANTS.,
FCC 03-44.**

The firm Kessler and Gehman Associates, Inc. has been retained by Calvary Chapel of St. George to prepare engineering studies and the engineering portion of a Petition for Rulemaking ("PFRM") to reserve the vacant commercial FM Channel 280C Toquerville, UT allotment.

Discussion

This PFRM for reservation of the commercial FM channel 280C Toquerville, UT allocation satisfies the first or second noncommercial educational ("NCE") service criteria and the technical preclusion criteria.

¹ See Public Notice, No. 424 (Toquerville, UT, Ch. 280C), Released Sept. 30, 2003)

KESSLER AND GEHMAN ASSOCIATES, INC.

Toquerville, UT

PAGE 2

I. First or Second Service Showing

All NCE-FM allocations, licenses and /or construction permits which have a transmitter site within a minimum safe search radius² from the allocated site are listed in Exhibit 1. Exhibit 2 demonstrates the facilities³ listed in Exhibit 1 which have 1 mV/m contour overlap with the maximized channel 280C Toquerville, UT allocation.

Exhibit 2 depicts a single green contour which represents the 1 mV/m contour of the maximized allocation; several blue contours which represent the 1 mV/m contour of neighboring NCE-FM facilities, and red shading which characterize the area(s) within the maximum class facility's 1 mV/M service contour having more than 2 overlapping 1 mV/m service contours from NCE-FM neighboring facilities.

The 2000 census population tally within the allotted 1 mV/m contour of the maximized allocation is 147,050 persons. The 2000 census population tally receiving first or second service is 135,707 persons⁴. The percentage of population within the proposed Toquerville, UT maximum facility 1 mV/m contour which would receive a first or second NCE-FM service is 92.2%. Thus, the Toquerville, UT maximized allotted facility meets and exceeds the 10% and 2,000 person requirement.

II. Technical Preclusion of New NCE Service

² The following distances were added together to formulate a "safe search radius":

- 1) Maximum distance to 1 mV/m contour for a maximum allowable facility in the applicable zone pursuant to section 73.211;
- 2) Maximum distance to the 1 mV/m contour for Class of the allocation pursuant to section 73.211;
- 3) An additional 30 km buffer was added for a "safety factor."

³ Facilities which did not have 1 mV/m contour overlap with the allotment had their contours removed in order to simplify the map.

⁴ The areas not shaded by red within the 1 mV/m contour of the maximized allocation

KESSLER AND GEHMAN ASSOCIATES, INC.

Toquerville, UT

PAGE 3

Pursuant to paragraph 35⁵, of the Second Report and Order released on April 10, 2003, technical preclusion showings have been prepared to provide a reliable and efficient proxy of technical preclusion.

Exhibit 3 is the result of a preclusion study⁶ conducted at the allotted transmitter site using minimized facilities for its station class⁷. The exhibit demonstrates preclusion for all NCE-FM channels.

Exhibit 4 is the result of a preclusion study conducted 91 km at 0 degrees from the allotted transmitter site using the authorized maximum facilities for a Class C facility. The exhibit demonstrates preclusion for all NCE-FM channels. Channels 201, 205, 210, 211 and 212 are precluded since the site is located 6.9 km inside a channel 6 station's⁸ F(50,50) 47 dBu Grade B contour and thus is predicted to cause interference⁹ within the facilities protected contour.

Exhibit 5 is the result of a preclusion study conducted 91 km at 90 degrees from the allotted transmitter site using the authorized maximum facilities for a Class C facility. The exhibit demonstrates preclusion for all NCE-FM channels. Channel 202 is precluded since there is contour overlap with a channel 6 station's¹⁰ F(50,50) 47 dBu Grade B contour and thus is predicted to cause interference within its protected contour¹¹.

⁵ The Second Report and Order states: “[A] showing will be based on a circle, centered in the proposed community of license and drawn with a radius one kilometer less than the distance to the predicted 60 dBu strength signal of a maximum same-class facility. The reservation showing must establish that no rule-compliant facility can be authorized at maximum antenna height above average terrain (“HAAT”) and with maximum effective radiated power (“ERP”) on any reserved band channel at four equally-spaced locations on the circle, beginning with 0 (zero) degrees. In addition, the reservation showing must establish that no same-class rule-compliant facility can be authorized at minimum antenna HAAT and with minimum ERP on any reserved band channel at the city center coordinates for the community of license.”

⁶ Pursuant to section 73.509 and 73.507

⁷ Pursuant to section 73.211(a)

⁸ FCC File BPRM-20000717ABW

⁹ pursuant to section 73.525

¹⁰ FCC File BPRM-20000717ABW

¹¹ pursuant to section 73.525

KESSLER AND GEHMAN ASSOCIATES, INC.

Toquerville, UT

PAGE 4

Exhibit 6 is the result of a preclusion study conducted 91 km at 180 degrees from the allotted transmitter site using the authorized maximum facilities for a Class C facility. The exhibit demonstrates preclusion for all NCE-FM channels.

Exhibit 7 is the result of a preclusion study conducted 91 km at 270 degrees from the allotted transmitter site using the authorized maximum facilities for a Class C facility. The exhibit demonstrates preclusion for all NCE-FM channels.

Conclusion

It is herein demonstrated that the proposed Toquerville, UT facility would meet the first or second service requirements and that a new NCE-FM station on any reserved channel between 201 and 220 would be considered "technically precluded" based on the fact that no rule-compliant facility could be authorized on any reserved band channel at or in near proximity to the allotted Toquerville, UT transmitter site. Hence, the need for a NCE-FM service in the proposed service area has been demonstrated and accordingly, pursuant to the Second Report and Order released on April 10, 2003 in the matter of Reexamination of Comparative Standard for Noncommercial Educational Applicants, the Toquerville, UT Channel 280 Class C allotment should be reserved for non-commercial use.

Certification

I, Ryan Wilhour, declare and state that I am a graduate electrical engineer with a Bachelor of Science in Electrical Engineering and my qualifications are a matter of record with the Federal Communication Commission, and that I am an engineer in the firm of Kessler and Gehman Associates, Inc., and that firm has been retained by Calvary Chapel of St. George to prepare the foregoing technical statement.

KESSLER AND GEHMAN ASSOCIATES, INC.

Toquerville, UT

PAGE 5

The foregoing technical statement and aforementioned engineering work are true and correct to the best of my knowledge. Executed on November 18, 2003.

KESSLER AND GEHMAN ASSOCIATES, INC.



Ryan Wilhour

Telecommunications Consulting Engineer

KESSLER AND GEHMAN ASSOCIATES, INC.

Chan	City	St	Call
201C2	Las Vegas	NV	KCEP
203C1	Mesquite	NV	950512
207A	St. George	UT	KAER.C
208C2	Fredonia	AZ	KNAY.C
209C2	Las Vegas	NV	KNPR.C
212A	Grand Canyon	AZ	KNAG
213C	Las Vegas	NV	KILA
214C3	St. George	UT	CP214
216C3	Cedar City	UT	KSUU
216A	Mesquite	NV	KARQ.C
217C1	Tuba City	AZ	KGHR.C
218C1	Las Vegas	NV	KUNV
219C2	Page	AZ	KNAD
219C3	Panaca	NV	KLNR

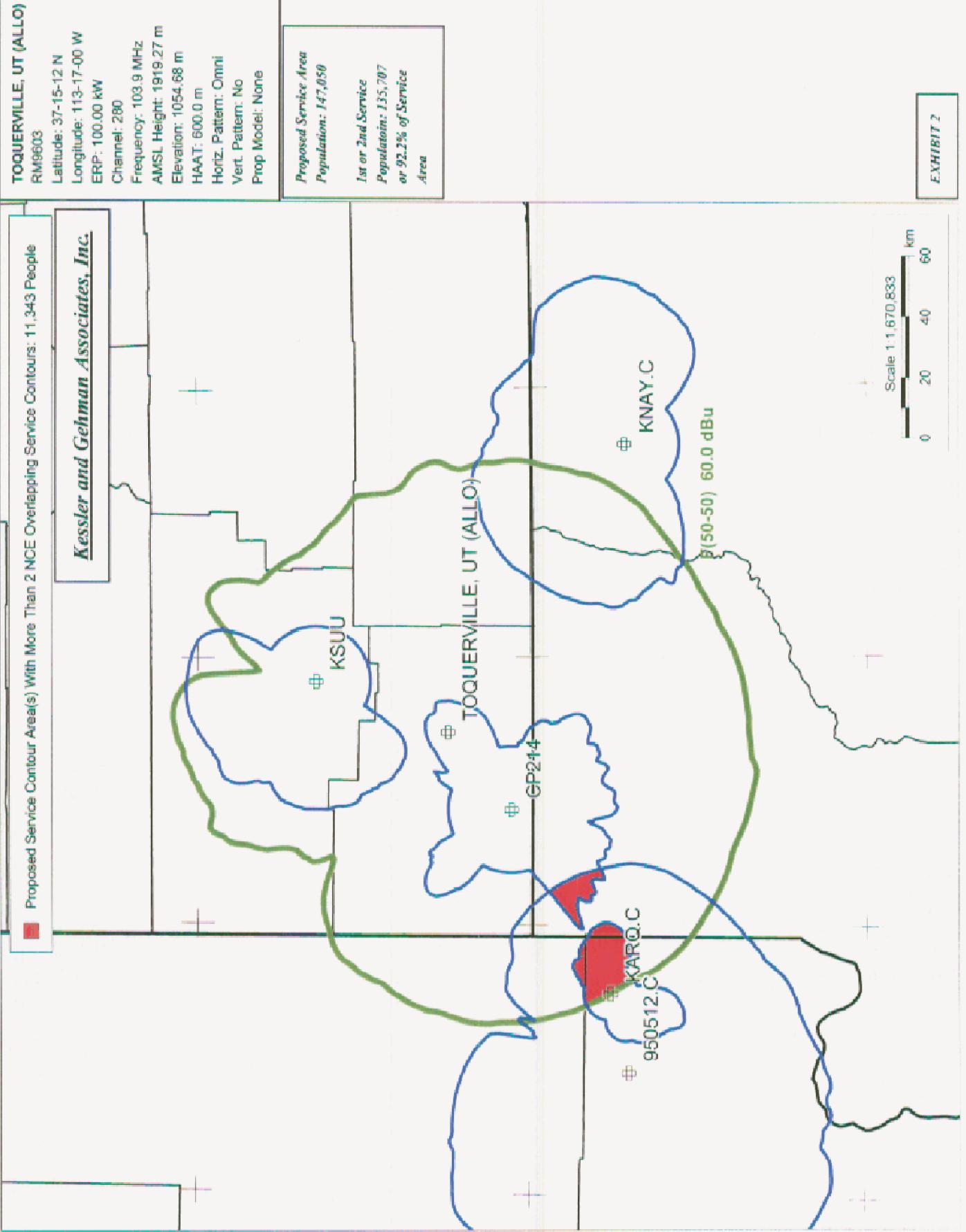


EXHIBIT 2

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT

MINIMUM FACILITY AT ALLOTTED SITE

REFERENCE	Class= C , Pwr= 100.1367 kW, HAAT= 451 M, COR= 1770 M										DISPLAY DATES
37 15 12 N	Average Protected F(50-50)= 83.52 km										DATA 11-08-03
113 17 00 W	Ave. F(50-10) 40 dBu= 187.1 54 dBu= 124.1 80 dBu= 42.6 100 dBu= 12.2										SEARCH 11-18-03
CH CITY	CALL STATE	TYPE FILE #	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km)	*IN*	*OUT*	LICENSEE (Overlap in km)
<hr/>											
--- Channel 201 88.1 MHz. ---											
201C2	KCEP Las Vegas	LIC NV	CY 48.5	228.5 48.5	206.93 BLED19930617KA	36 00 31 115 00 22	10 472	1059 210.6	99.5 Economic Opportunity Board	-34.75<	-64.02<
255C	KBZB.A Pioche	APP NV	CX 102.8	282.8 102.8	107.22 BPH20030819ABR	37 27 40 114 27 55	100 434	2283 92.2	77.1 Gla-mar Broadcasting, Llc	35.0R	72.2M
<hr/>											
--- Channel 202 88.3 MHz. ---											
203C1	950512 Mesquite	CP NV	DVX 62.0	242.0 62.0	127.38 BPED19950512MA	36 42 33 114 32 35	100 203	880 141.7	95.9 Southern Nevada Ed Broadca	-63.44<	-78.39<
255C	KBZB.A Pioche	APP NV	CX 102.8	282.8 102.8	107.22 BPH20030819ABR	37 27 40 114 27 55	100 434	2283 92.2	77.1 Gla-mar Broadcasting, Llc	29.0R	78.2M
<hr/>											
--- Channel 203 88.5 MHz. ---											
203C1	950512 Mesquite	CP NV	DVX 62.0	242.0 62.0	127.38 BPED19950512MA	36 42 33 114 32 35	100 203	880 204.4	95.9 Southern Nevada Ed Broadca	-130.67<	-141.16<
203A	AP203 Kingman	APP AZ	VX 13.3	193.3 13.3	246.03 BNPED20000406ABG	35 05 39 113 54 19	0.5 942	2355 206.6	97.2 Faith Communications Corp.	30.91	-8.56<
<hr/>											
--- Channel 204 88.7 MHz. ---											
203C1	950512 Mesquite	CP NV	DVX 62.0	242.0 62.0	127.38 BPED19950512MA	36 42 33 114 32 35	100 203	880 141.7	95.9 Southern Nevada Ed Broadca	-63.44<	-78.39<
207A	KAER.C St. George	CP UT	CX 59.2	239.2 59.2	29.96 BPED19990510ME	37 06 54 113 34 23	0.9 -26	949 15.4	96.3 Educational Media Foundati	-67.92<	4.67<
<hr/>											
--- Channel 205 88.9 MHz. ---											
207A	KAER.C St. George	CP UT	CX 59.2	239.2 59.2	29.96 BPED19990510ME	37 06 54 113 34 23	0.9 -26	949 15.4	96.3 Educational Media Foundati	-67.92<	4.67<
205C	KNPR.C Las Vegas	CP NV	CX 54.8	234.8 54.8	244.45 BMPED20030214AAC	35 58 02 115 30 06	24.7 1370	2573 205.6	96.6 Nevada Public Radio Corpor	-56.15<	-56.84<
<hr/>											
--- Channel 206 89.1 MHz. ---											
207A	KAER.C St. George	CP UT	CX 59.2	239.2 59.2	29.96 BPED19990510ME	37 06 54 113 34 23	0.9 -26	949 142.2	96.3 Educational Media Foundati	-80.12<	-122.11<
260C	KONY St. George	LIC UT	C 22.3	202.3 22.3	48.74 BMLH20020215ABJ	36 50 49 113 29 28	90 850	1991 120.5	96.6 Fm Radio 99.9, Inc.	48.0R	0.7M
260C	ALLO St. George	RSV UT	C 22.3	202.3 22.3	48.74 RM	36 50 49 113 29 28	100 824	1965 120.5	96.6	48.0R	0.7M
<hr/>											
--- Channel 207 89.3 MHz. ---											
207A	KAER.C St. George	CP UT	CX 59.2	239.2 59.2	29.96 BPED19990510ME	37 06 54 113 34 23	0.9 -26	949 205.1	96.3 Educational Media Foundati	-100.70<	-185.04<
208C2	KNAY.C	CP	CX 121.6	121.6	111.86	36 43 18	10	2432	92.0	-60.23<	-79.22<

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT

MINIMUM FACILITY AT ALLOTTED SITE

REFERENCE	Class= C , Pwr= 100.1367 kW, HAAT= 451 M, COR= 1770 M							DISPLAY DATES	
37 15 12 N	Average Protected F(50-50)= 83.52 km							DATA	11-08-03
113 17 00 W	Ave. F(50-10) 40 dBu= 187.1 54 dBu= 124.1 80 dBu= 42.6 100 dBu= 12.2							SEARCH	11-18-03
CH CITY	CALL STATE	TYPE AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
Fredonia	AZ		301.6 BMPED20010212ABY	112 12 57	364	136.8	Arizona Board Of Regents F		
208C KCNV Las Vegas	LIC NV	CY	227.9 47.9 214.48 BLED19890906KA	35 56 50 115 03 01	100 534	1256 146.1	99.9	-18.03<	-20.42<
260C KONY St. George	LIC UT	C 22.3	202.3 48.74 BMLH20020215ABJ	36 50 49 113 29 28	90 850	1991 120.5	96.6 Fm Radio 99.9, Inc.	35.0R	13.7M
260C ALLO St. George	RSV UT		202.3 22.3 48.74 RM	36 50 49 113 29 28	100 824	1965 120.5	96.6	35.0R	13.7M
--- Channel 208 89.5 MHz. ---									
208C2 KNAY.C Fredonia	CP AZ	CX	121.6 301.6 111.86 BMPED20010212ABY	36 43 18 112 12 57	10 364	2432 198.1	92.0	-110.03<	-140.52<
207A KAER.C St. George	CP UT	CX	239.2 59.2 29.96 BPED19990510ME	37 06 54 113 34 23	0.9 -26	949 142.2	96.3	-80.12<	-122.11<
208C KCNV Las Vegas	LIC NV	CY	227.9 47.9 214.48 BLED19890906KA	35 56 50 115 03 01	100 534	1256 211.2	99.9	-78.56<	-85.50<
--- Channel 209 89.7 MHz. ---									
208C2 KNAY.C Fredonia	CP AZ	CX	121.6 301.6 111.86 BMPED20010212ABY	36 43 18 112 12 57	10 364	2432 136.8	92.0	-60.23<	-79.22<
207A KAER.C St. George	CP UT	CX	239.2 59.2 29.96 BPED19990510ME	37 06 54 113 34 23	0.9 -26	949 15.4	96.3	-67.92<	4.67<
209C2 KCNV.C Las Vegas	CP NV	CN	241.7 61.7 211.72 BPED20010830ADB	36 20 00 115 21 41	34 82	1074 204.4	95.9	-2.07<	-31.04<
208C KCNV Las Vegas	LIC NV	CY	227.9 47.9 214.48 BLED19890906KA	35 56 50 115 03 01	100 534	1256 146.1	99.9	-18.03<	-20.42<
209C2 KCNV.C Las Vegas	CP NV	DCX	234.8 54.8 244.48 BMPED20030214AAB	35 57 57 115 30 03	0.55 1365	2570 205.6	96.6	17.85	-16.52<
--- Channel 210 89.9 MHz. ---									
207A KAER.C St. George	CP UT	CX	239.2 59.2 29.96 BPED19990510ME	37 06 54 113 34 23	0.9 -26	949 15.4	96.3	-67.92<	4.67<
210C 981023 Bullhead City	APP AZ	DVN	192.8 12.8 244.00 BPED19981023MO	35 06 28 113 52 40	40 1011	2382 206.6	97.2	-54.04<	-57.69<
210C1 990506 Kingman	APP AZ	VN	193.2 13.2 247.39 BPED19990506MB	35 04 53 113 54 15	0.7 1116	2609 206.6	97.2	22.28	-13.63<
--- Channel 211 90.1 MHz. ---									
214C3 CP214 St. George	CP UT	CX	230.6 50.6 33.21 BNPED20000118ADN	37 03 48 113 34 20	18 133	974 16.0	98.3	-69.37<	-23.82*<
265C RADD Moapa	ADD NV		247.3 67.3 115.32	36 50 52 114 28 37	100 302	1584 118.8	95.2	48.0R	67.3M
--- Channel 212 90.3 MHz. ---									

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT

MINIMUM FACILITY AT ALLOTTED SITE

REFERENCE	Class= C , Pwr= 100.1367 kW, HAAT= 451 M, COR= 1770 M										DISPLAY DATES
37 15 12 N	Average Protected F(50-50)= 83.52 km										DATA 11-08-03
113 17 00 W	Ave. F(50-10) 40 dBu= 187.1 54 dBu= 124.1 80 dBu= 42.6 100 dBu= 12.2										SEARCH 11-18-03
CH CITY	CALL STATE	TYPE FILE #	AZI. <-	DIST ---	LAT. ---	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN*	*OUT*	
					LNG.				(Overlap in km)		
214C3 St. George	CP214 UT	CP CX 50.6 BNPED20000118ADN	230.6 50.6	33.21 BNPED20000118ADN	37 03 48 113 34 20	18 133	974 16.0	98.3 Casper Learning Fm Incorpo	-69.37<	-23.82*<	
212A Grand Canyon	KNAG AZ	LIC C 325.3 BLED20020123AAG	145.3 325.3	175.97 BLED20020123AAG	35 56 44 112 10 16	3 99	2046 196.0	90.8 Arizona Board Of Regents/n	9.47<	-44.12<	
213C Las Vegas	KILA NV	LIC CN 48.5 BLED19850819KW	228.5 48.5	206.94 BLED19850819KW	36 00 29 115 00 20	100 491	1074 146.1	99.9 Faith Communications Corp.	-21.48<	-25.39<	
266C Kanab	KPLD UT	LIC C 263.0 BLH20000809AAL	83.0 263.0	39.36 BLH20000809AAL	37 17 45 112 50 34	100 609	2536 92.0	77.0 Marathon Media Group, L.l.	41.0R	-1.6M	
266C Kanab	RDEL UT	DEL 263.0	83.0 263.0	39.36 BLH20000809AAL	37 17 45 112 50 34	100 613	2540 92.0	77.0 92.0	41.0R	-1.6M	
265C Moapa	RADD NV	ADD 67.3	247.3 67.3	115.32 BLED19850819KW	36 50 52 114 28 37	100 302	1584 118.8	95.2 118.8	41.0R	74.3M	
 --- Channel 213 90.5 MHz. ---											
214C3 St. George	CP214 UT	CP CX 50.6 BNPED20000118ADN	230.6 50.6	33.21 BNPED20000118ADN	37 03 48 113 34 20	18 133	974 144.5	98.3 Casper Learning Fm Incorpo	-126.78<	-152.34*<	
213C Las Vegas	KILA NV	LIC CN 48.5 BLED19850819KW	228.5 48.5	206.94 BLED19850819KW	36 00 29 115 00 20	100 491	1074 211.2	99.9 Faith Communications Corp.	-83.01<	-90.47<	
216C3 Cedar City	KSUU UT	LIC CN 200.9 BLED19850219KK	20.9 200.9	47.02 BLED19850219KK	37 38 55 113 05 32	10 -89	1892 7.6	61.0 South State University	-15.84<	21.30	
266C Kanab	KPLD UT	LIC C 263.0 BLH20000809AAL	83.0 263.0	39.36 BLH20000809AAL	37 17 45 112 50 34	100 609	2536 92.0	77.0 Marathon Media Group, L.l.	29.0R	10.4M	
266C Kanab	RDEL UT	DEL 263.0	83.0 263.0	39.36 BLH20000809AAL	37 17 45 112 50 34	100 613	2540 92.0	77.0 92.0	29.0R	10.4M	
 --- Channel 214 90.7 MHz. ---											
214C3 St. George	CP214 UT	CP CX 50.6 BNPED20000118ADN	230.6 50.6	33.21 BNPED20000118ADN	37 03 48 113 34 20	18 133	974 208.5	98.3 Casper Learning Fm Incorpo	-176.87<	-216.31*<	
216C3 Cedar City	KSUU UT	LIC CN 200.9 BLED19850219KK	20.9 200.9	47.02 BLED19850219KK	37 38 55 113 05 32	10 -89	1892 7.6	61.0 South State University	-15.84<	21.30	
213C Las Vegas	KILA NV	LIC CN 48.5 BLED19850819KW	228.5 48.5	206.94 BLED19850819KW	36 00 29 115 00 20	100 491	1074 146.1	99.9 Faith Communications Corp.	-21.48<	-25.39<	
 --- Channel 215 90.9 MHz. ---											
214C3 St. George	CP214 UT	CP CX 50.6 BNPED20000118ADN	230.6 50.6	33.21 BNPED20000118ADN	37 03 48 113 34 20	18 133	974 144.5	98.3 Casper Learning Fm Incorpo	-126.78<	-152.34*<	
216C3 Cedar City	KSUU UT	LIC CN 200.9 BLED19850219KK	20.9 200.9	47.02 BLED19850219KK	37 38 55 113 05 32	10 -89	1892 91.0	61.0 South State University	-40.84<	-62.08<	
216A Mesquite	KARQ.C NV	CP CX 58.0 BNPED20000118AAM	238.0 58.0	101.92 BNPED20000118AAM	36 45 52 114 15 10	0.625 126	715 142.2	96.3 Educational Media Foundati	-21.69<	-58.78<	
 --- Channel 216 91.1 MHz. ---											

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT

MINIMUM FACILITY AT ALLOTTED SITE

REFERENCE 37 15 12 N 113 17 00 W	Class= C , Pwr= 100.1367 kW, HAAT= 451 M, COR= 1770 M Average Protected F(50-50)= 83.52 km Ave. F(50-10) 40 dBu= 187.1 54 dBu= 124.1 80 dBu= 42.6 100 dBu= 12.2	DISPLAY DATES DATA 11-08-03 SEARCH 11-18-03
--	---	---

CH CITY	CALL STATE	TYPE FILE #	AZI. <--	DIST LNG.	LAT. INT.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
216C3 Cedar City	KSUU UT	LIC CN 200.9 BLED19850219KK	20.9 47.02	37 38 55 113 05 32	10 -89	1892 158.3	61.0 South State University	-94.32<	-129.37<	
216A Mesquite	KARQ.C NV	CP CX 58.0 BN PED20000118AAM	238.0 101.92	36 45 52 114 15 10	0.625 126	715 205.1	96.3 Educational Media Foundati	-53.20<	-121.70<	
214C3 St. George	CP214 UT	CP CX 50.6 BN PED20000118ADN	230.6 33.21	37 03 48 113 34 20	18 133	974 16.0	98.3 Casper Learning Fm Incorpo	-69.37<	-23.82*<	
270C2 Kanab	RADD UT	ADD 288.6	108.6 71.09	37 02 51 112 31 32	50 -27	1818 105.9	86.5	48.0R	23.1M	
 --- Channel 217 91.3 MHz. ---										
216C3 Cedar City	KSUU UT	LIC CN 200.9 BLED19850219KK	20.9 47.02	37 38 55 113 05 32	10 -89	1892 91.0	61.0 South State University	-40.84<	-62.08<	
216A Mesquite	KARQ.C NV	CP CX 58.0 BN PED20000118AAM	238.0 101.92	36 45 52 114 15 10	0.625 126	715 142.2	96.3 Educational Media Foundati	-21.69<	-58.78<	
214C3 St. George	CP214 UT	CP CX 50.6 BN PED20000118ADN	230.6 33.21	37 03 48 113 34 20	18 133	974 16.0	98.3 Casper Learning Fm Incorpo	-69.37<	-23.82*<	
217C1 Tuba City	KGHR.C AZ	CP DCX 297.7 BPED20030402ACF	117.7 210.56	36 21 27 111 12 12	17.839 343	2097 196.0	90.8 Tuba City High School Boar	-17.89<	-43.74<	
218C1 Las Vegas	KUNV NV	LIC CN 48.5 BLED19840906DM	228.5 206.96	36 00 28 115 00 20	15 458	1042 146.1	99.9 Univ Of Nevada System Bd O	12.51	-2.82<	
270C2 Kanab	RADD< UT	ADD 288.6	108.6 71.09	37 02 51 112 31 32	50 -27	1818 105.9	86.5	48.0R	23.1M	
 --- Channel 218 91.5 MHz. ---										
218C1 Las Vegas	KUNV NV	LIC CN 48.5 BLED19840906DM	228.5 206.96	36 00 28 115 00 20	15 458	1042 211.2	99.9 Univ Of Nevada System Bd O	-41.36<	-67.89<	
221C Cedar City	RADD< UT	ADD 169.6	349.6 44.18	37 38 41 113 22 28	100 420	2505 10.7	75.3	-42.92<	-47.81*<	
216C3 Cedar City	KSUU UT	LIC CN 200.9 BLED19850219KK	20.9 47.02	37 38 55 113 05 32	10 -89	1892 7.6	61.0 South State University	-15.84<	21.30	
219C2 Page	KNAD AZ	LIC C 292.4 BLED19991014AAS	112.4 159.41	36 41 51 111 37 57	1 704	2071 131.0	87.6 Az Board Of Regents For N.	-0.41<	-19.80<	
272C2 Parowan	RADD< UT	ADD 211.6	31.6 76.84	37 50 30 112 49 30	50 -152	2300 98.6	81.7	35.0R	41.8M	
272C2 Parowan	RDEL< UT	DEL 211.6	31.6 76.84	37 50 30 112 49 30	50 -152	2300 98.6	81.7	35.0R	41.8M	
272C1 Overton	RADD< NV	ADD 60.0	240.0 105.54	36 46 30 114 18 30	100 346	988 120.0	96.2	35.0R	70.5M	
 --- Channel 219 91.7 MHz. ---										
219C3 Panaca	KLNR NV	LIC CN 122.4 BLED19891030KA	302.4 134.65	37 53 38 114 34 40	0.1 1187	2871 161.1	63.2 Nevada Public Radio Corpor	-30.05<	-63.40<	

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT

MINIMUM FACILITY AT ALLOTTED SITE

REFERENCE 37 15 12 N 113 17 00 W	Class= C , Pwr= 100.1367 kW, HAAT= 451 M, COR= 1770 M								DISPLAY DATES DATA 11-08-03	
	Average Protected F(50-50)= 83.52 km								SEARCH 11-18-03	
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km)	*IN*	*OUT*
									(Overlap in km)	
219C2	KNAD	LIC AZ	C	112.4 292.4	159.41 BLED19991014AAS	36 41 51 111 37 57	1 704	2071 191.8	87.6 Az Board Of Regents For N.	-47.74< -80.66<
Page										
221C	RADD<<	ADD UT		349.6 169.6	44.18	37 38 41 113 22 28	100 420	2505 10.7	75.3	-42.92< -47.81*<
Cedar City										
216C3	KSUU	LIC UT	CN	20.9 200.9	47.02 BLED19850219KK	37 38 55 113 05 32	10 -89	1892 7.6	61.0 South State University	-15.84< 21.30
Cedar City										
218C1	KUNV	LIC NV	CN	228.5 48.5	206.96 BLED19840906DM	36 00 28 115 00 20	15 458	1042 146.1	99.9 Univ Of Nevada System Bd O	-2.82<
Las Vegas										
272C2	RADD<<	ADD UT		31.6 211.6	76.84	37 50 30 112 49 30	50 -152	2300 98.6	81.7	41.0R 35.8M
Parowan										
272C2	RDEL<<	DEL UT		31.6 211.6	76.84	37 50 30 112 49 30	50 -152	2300 98.6	81.7	41.0R 35.8M
Parowan										
272C1	RADD<<	ADD NV		240.0 60.0	105.54	36 46 30 114 18 30	100 346	988 120.0	96.2	41.0R 64.5M
Overton										
 --- Channel 220 91.9 MHz. ---										
221C	RADD<<	ADD UT		349.6 169.6	44.18	37 38 41 113 22 28	100 420	2505 109.8	75.3	-151.73< -146.91*<
Cedar City										
223C	RDEL<<	DEL UT		349.6 169.6	44.18	37 38 41 113 22 28	100 420	2505 10.7	75.3	-42.92< -47.81*<
Cedar City										
223C	KXFF<<	LIC UT	CN	349.6 169.6	44.18 BLH7203	37 38 41 113 22 28	41 330	2415 10.7	75.3 Mb Media Group, Inc.	-39.35< -32.16*<
Cedar City										
220C	ALLO	VAC AZ		197.0 17.0	239.31	35 11 20 114 03 12	100 629	1681 206.7	97.3	-57.67< -60.34<
Kingman										
220C	980611	APP AZ	VN	192.9 12.9	243.51 BPED19980611ME	35 06 48 113 53 00	30 1044	2362 206.6	97.2 American Family Associatio	-48.87< -55.63<
Kingman										
220C	970822	APP AZ	EN	192.9 12.9	243.85 BPED19970822MA	35 06 35 113 52 51	40 1003	2350 206.6	97.2 Csn International	-53.76< -57.65<
Kingman										
220C	980619	APP AZ	VN	193.2 13.2	247.39 BPED19980619MH	35 04 53 113 54 15	24 1126	2619 206.6	97.2 Broadcasting For The Chall	-43.40< -50.82<
Kingman										
221A	RADD<<	ADD UT		26.2 206.2	126.96	38 16 37 112 38 25	6 139	2059 108.9	74.8	2.28< -14.83<
Beaver										
219C2	KNAD	LIC AZ	C	112.4 292.4	159.41 BLED19991014AAS	36 41 51 111 37 57	1 704	2071 131.0	87.6 Az Board Of Regents For N.	-0.41< -19.80<
Page										
06Z2	NEW Caliente	ADM NV	HN	299.1 119.1	122.59 BPRM20000717ABW	37 47 00 114 30 00	100 515	2019 436.1	0.0 Tv 6 Kaleidoscope Foundati	To Grd B= 0.89

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY NORTH

REFERENCE	Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 2207 M										DISPLAY DATES	
38 04 19 N 113 17 00 W	Average Protected F(50-50)= 91.82 km Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7										DATA 11-08-03	
CH CITY	CALL STATE	TYPE	AZI.	DIST	LAT.	Pwr(kW)	COR(M)	PRO(km)	*IN*	*OUT*	LICENSEE	
			<--	FILE #	LNG.	HAAT(M)	INT(km)		(Overlap in km)			

--- Channel 201 88.1 MHz. ---												
255C Pioche	KBZB	LIC NV	C	260.6 80.6	115.42 BLH20000317ABQ	37 114	53 34	44 980	5 980	2870 116.9	93.5 Gla-mar Broadcasting, Llc	

--- Channel 202 88.3 MHz. ---												
203C1 Mesquite	950512	CP NV	DVX	216.7 36.7	187.94 BPED19950512MA	36 114	42 32	33 35	100 100	880 139.1	93.8 Southern Nevada Ed Broadca	
255C Pioche	KBZB	LIC NV	C	260.6 80.6	115.42 BLH20000317ABQ	37 114	53 34	44 980	5 980	2870 116.9	93.5 Gla-mar Broadcasting, Llc	

--- Channel 203 88.5 MHz. ---												
203C1 Mesquite	950512	CP NV	DVX	216.7 36.7	187.94 BPED19950512MA	36 114	42 32	33 35	100 100	880 201.1	93.8 -52.26< -64.08<	

--- Channel 204 88.7 MHz. ---												
204C1 Lund	KWPR	LIC NV	C	312.0 132.0	209.07 BLED20001010ADI	39 115	18 05	54 19	3 567	2812 193.4	88.9 -10.08< -38.31<	
203C1 Mesquite	950512	CP NV	DVX	216.7 36.7	187.94 BPED19950512MA	36 114	42 32	33 35	100 100	880 139.1	93.8 13.86 -2.06<	

--- Channel 205 88.9 MHz. ---												
259A Beaver	RADD	ADD UT		67.7 247.7	60.77	38 112	16 38	37 25	6 319	2059 107.3	87.3 35.0R 25.8M	

--- Channel 206 89.1 MHz. ---												
207A St. George	KAER.C	CP UT	CX	193.6 13.6	109.25 BPED19990510ME	37 113	06 34	54 23	0.9 -366	949 138.6	93.4 Educational Media Foundati	
259A Beaver	RADD	ADD UT		67.7 247.7	60.77	38 112	16 38	37 25	6 319	2059 107.3	87.3 48.0R 12.8M	

--- Channel 207 89.3 MHz. ---												
207A St. George	KAER.C	CP UT	CX	193.6 13.6	109.25 BPED19990510ME	37 113	06 34	54 23	0.9 -366	949 200.5	93.4 -18.53< -101.13<	
208C2 Fredonia	KNAY.C	CP AZ	CX	147.5 327.5	177.18 BMPED20010212ABY	36 112	43 12	18 57	10 360	2432 137.5	92.5 5.05 -14.25<	

--- Channel 208 89.5 MHz.. ---												
208C2 Fredonia	KNAY.C	CP AZ	CX	147.5 327.5	177.18 BMPED20010212ABY	36 112	43 12	18 57	10 360	2432 199.0	92.5 -44.58< -75.78<	
207A St. George	KAER.C	CP UT	CX	193.6 13.6	109.25 BPED19990510ME	37 113	06 34	54 23	0.9 -366	949 138.6	93.4 2.06 -39.25<	
208A KAGJ		LIC	CN	45.3	205.81	39	21	37	0.1	1722	93.6 87.84 -2.27<	

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY NORTH

REFERENCE	Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 2207 M								DISPLAY DATES	
38 04 19 N 113 17 00 W	Average Protected F(50-50)= 91.82 km Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7								DATA 11-08-03	
									SEARCH 11-11-03	
CH CITY	CALL STATE	TYPE FILE #	AZI. <--	DIST LNG.	LAT. INT.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
Ephraim	UT	225.3 BLED19940509KB		111 34 54	50	200.8		Snow College		
208C KCNV Las Vegas	LIC NV	CY 34.1 BLED19890906KA	214.1 34.1	283.42	35 56 50 03 01	100 513	1256 201.1	93.8 Nevada Public Radio Corpor	-1.98<	-5.15<
--- Channel 209 89.7 MHz. ---										
208C2 KNAY.C Fredonia	CP AZ	CX 327.5 BMPED20010212ABY	147.5 327.5	177.18	36 43 18 12 57	10 360	2432 137.5	92.5 Arizona Board Of Regents F	5.05	-14.25<
--- Channel 210 89.9 MHz. ---										
--- Channel 211 90.1 MHz. ---										
--- Channel 212 90.3 MHz. ---										
266C RDEL Kanab	DEL UT	155.7 335.7	94.50		37 17 45 50 34	100 588	2540 116.2	93.0	41.0R	53.5M
266C KPLD Kanab	LIC UT	C 335.7	155.7 BLH20000809AAL	94.50	37 17 45 50 34	100 584	2536 116.2	93.0 Marathon Media Group, L.l.	41.0R	53.5M
--- Channel 213 90.5 MHz. ---										
214C3 CP214 St. George	CP UT	CX 12.9	192.9 114.81 BNPED20000118ADN	114.81	37 03 48 34 20	18 -42	974 138.6	93.4 Casper Learning Fm Incorpo	-10.35<	-44.73<
216C3 KSUU Cedar City	LIC UT	CN 340.3	160.3 340.3 BLED19850219KK	49.91	37 38 55 05 32	10 197	1892 14.1	93.1 South State University	-47.41<	-6.98<
213C KILA Las Vegas	LIC NV	CN 34.2	214.2 34.2 BLED19850819KW	275.57	36 00 29 00 20	100 576	1074 201.1	93.8 Faith Communications Corp.	-14.31<	-16.36<
266C RDEL Kanab	DEL UT	155.7 335.7	94.50		37 17 45 50 34	100 588	2540 116.2	93.0	29.0R	65.5M
266C KPLD Kanab	LIC UT	C 335.7	155.7 BLH20000809AAL	94.50	37 17 45 50 34	100 584	2536 116.2	93.0 Marathon Media Group, L.l.	29.0R	65.5M
--- Channel 214 90.7 MHz. ---										
214C3 CP214 St. George	CP UT	CX 12.9	192.9 114.81 BNPED20000118ADN	114.81	37 03 48 34 20	18 -42	974 200.4	93.4 Casper Learning Fm Incorpo	-71.32<	-106.60<
216C3 KSUU Cedar City	LIC UT	CN 340.3	160.3 340.3 BLED19850219KK	49.91	37 38 55 05 32	10 197	1892 14.1	93.1 South State University	-47.41<	-6.98<
268C1 RADD Pioche	ADD NV	261.6 81.6	103.68		37 55 48 27 00	100 364	2111 116.8	93.5	35.0R	68.7M
--- Channel 215 90.9 MHz. ---										
216C3 KSUU Cedar City	LIC UT	CN 340.3	160.3 340.3 BLED19850219KK	49.91	37 38 55 05 32	10 197	1892 138.2	93.1 South State University	-106.33<	-131.07<
214C3 CP214	CP	CX 192.9	114.81		37 03 48	18	974	93.4	-10.35<	-44.73<

CHANNEL PRECISION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY NORTH

REFERENCE Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 2207 M DISPLAY DATES
38 04 19 N Average Protected F(50-50)= 91.82 km DATA 11-08-03
113 17 00 W Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7 SEARCH 11-11-03

CH CITY	CALL STATE	TYPE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
St. George		UT	12.9	BNPED20000118ADN	113 34 20	-42	138.6	Casper Learning Fm Incorpo		
268C1 Pioche	RADD	ADD NV	261.6 81.6	103.68	37 55 48 114 27 00	100 364	2111 116.8	93.5	31.0R	72.7M
--- Channel 216 91.1 MHz. ---										
216C3 Cedar City	KSUU	LIC UT	CN 340.3	160.3 340.3	49.91 BLED19850219KK	37 38 55 113 05 32	10 197	1892 199.9	93.1 South State University	-152.06< -192.83<
216A Mesquite	KARQ.C	CP NV	CX 30.8	210.8 30.8	168.59 BNPED20000118AAM	36 45 52 114 15 10	0.625 73	715 201.0	93.7 Educational Media Foundati	26.46 -46.23<
--- Channel 217 91.3 MHz. ---										
216C3 Cedar City	KSUU	LIC UT	CN 340.3	160.3 340.3	49.91 BLED19850219KK	37 38 55 113 05 32	10 197	1892 138.2	93.1 South State University	-106.33< -131.07<
--- Channel 218 91.5 MHz. ---										
219C3 Panaca	KLNR	LIC NV	CN 80.5	260.5 80.5	115.43 BLED19891030KA	37 53 38 114 34 40	0.1 980	2871 138.9	93.6 Nevada Public Radio Corpor	-29.45< -56.88<
221C Cedar City	RADD<	ADD UT		189.6 9.6	48.09	37 38 41 113 22 28	100 724	2505 14.2	93.3	-60.71< -62.68*<
216C3 Cedar City	KSUU	LIC UT	CN 340.3	160.3 340.3	49.91 BLED19850219KK	37 38 55 113 05 32	10 197	1892 14.1	93.1 South State University	-47.41< -6.98<
221A Beaver	RADD<	ADD UT		67.7 247.7	60.77	38 16 37 112 38 25	6 319	2059 12.7	87.3	-30.73< 1.49<
272C2 Parowan	RDEL<	DEL UT		122.4 302.4	47.71	37 50 30 112 49 30	50 515	2300 112.4	90.4	29.0R 18.7M
272C2 Parowan	RADD<	ADD UT		122.4 302.4	47.71	37 50 30 112 49 30	50 515	2300 112.4	90.4	29.0R 18.7M
--- Channel 219 91.7 MHz. ---										
219C3 Panaca	KLNR	LIC NV	CN 80.5	260.5 80.5	115.43 BLED19891030KA	37 53 38 114 34 40	0.1 980	2871 200.8	93.6 Nevada Public Radio Corpor	-73.58< -118.83<
221C Cedar City	RADD<	ADD UT		189.6 9.6	48.09	37 38 41 113 22 28	100 724	2505 14.2	93.3	-60.71< -62.68*<
216C3 Cedar City	KSUU	LIC UT	CN 340.3	160.3 340.3	49.91 BLED19850219KK	37 38 55 113 05 32	10 197	1892 14.1	93.1 South State University	-47.41< -6.98<
219C2 Page	KNAD	LIC AZ	C 315.8	135.8 315.8	211.29 BLED19991014AAS	36 41 51 111 37 57	1 658	2071 198.5	92.2 Az Board Of Regents For N.	1.66 -33.83<
221A Beaver	RADD<	ADD UT		67.7 247.7	60.77	38 16 37 112 38 25	6 319	2059 12.7	87.3	-30.73< 1.49<
272C2 Parowan	RADD<	ADD UT		122.4 302.4	47.71	37 50 30 112 49 30	50 515	2300 112.4	90.4	41.0R 6.7M

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY NORTH

REFERENCE	Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 2207 M								DISPLAY DATES		
38 04 19 N 113 17 00 W	Average Protected F(50-50)= 91.82 km								DATA	11-08-03	
	Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7								SEARCH	11-11-03	
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km)	*IN* LICENSEE	*OUT* (Overlap in km)	
272C2 Parowan	RDEL«	DEL UT	122.4	302.4	47.71	37 50 30 112 49 30	50 515	2300 112.4	90.4	41.0R	6.7M
 --- Channel 220 91.9 MHz. ---											
221C Cedar City	RADD«	ADD UT	189.6	9.6	48.09	37 38 41 113 22 28	100 724	2505 138.5	93.3	-187.78<	-187.01*<
221A Beaver	RADD«	ADD UT	67.7	247.7	60.77	38 16 37 112 38 25	6 319	2059 130.5	87.3	-95.82<	-116.31<
219C3 Panaca	KLNR	LIC NV	260.5	80.5	115.43 BLED19891030KA	37 53 38 114 34 40	0.1 980	2871 138.9	93.6 Nevada Public Radio Corpor	-29.45<	-56.88<
223C Cedar City	KXFF«	LIC UT	189.6	9.6	48.09 BLH7203	37 38 41 113 22 28	41 634	2415 14.2	93.3 Mb Media Group, Inc.	-55.63<	-50.14*<
223C Cedar City	RDEL«	DEL UT	189.6	9.6	48.09	37 38 41 113 22 28	100 724	2505 14.2	93.3	-60.71<	-62.68*<
0622 Caliente	NEW	ADM NV	253.6	73.6	111.66 BPRM20000717ABW	37 47 00 114 30 00	100 479	2019 474.3	0.0 Tv 6	To Grd B= Kaleidoscope Foundati	-6.89

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY EAST

REFERENCE 37 14 56 N 112 15 16 W	Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 2518 M Average Protected F(50-50)= 91.82 km Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7	DISPLAY DATES DATA 11-08-03 SEARCH 11-11-03					
CH CITY	CALL STATE	TYPE AZI. DIST LAT. Pwr (kW) COR (M) PRO (km) FILE # LNG. HAAT (M) INT (km) LICENSEE *IN* *OUT*	(Overlap in km)				

--- Channel 201 88.1 MHz. ---							
201C1 Hotevilla	KUYI AZ	LIC C 131.6 238.86 35 48 29 69 2002 93.8 -7.70< -22.91< 311.6 BLED20001221ABG 110 16 23 203 201.2 The Hopi Foundation					

--- Channel 202 88.3 MHz. ---							

--- Channel 203 88.5 MHz. ---							
203C1 Mesquite	950512 NV	CP DVX 254.2 212.39 36 42 33 100 880 92.8 -45.89< -53.88< 74.2 BPED19950512MA 114 32 35 233 199.5 Southern Nevada Ed Broadca					

--- Channel 204 88.7 MHz. ---							
204C Flagstaff	KNAU AZ	LIC C 164.9 261.82 34 58 07 100 2624 91.2 -18.81< -20.50< 344.9 BLED19991014AAT 111 30 24 482 196.7 Northern Arizona Universit					

--- Channel 205 88.9 MHz. ---							
208C2 Fredonia	KNAY.C AZ	CP CX 176.6 58.61 36 43 18 10 2432 92.4 -38.44< -2.27< 356.6 BMPED20010212ABY 112 12 57 256 13.9 Arizona Board Of Regents F					

--- Channel 206 89.1 MHz. ---							
207A St. George	KAER.C UT	CP CX 263.1 118.03 37 06 54 0.9 949 93.0 -2.26< -38.60< 83.1 BPED19990510ME 113 34 23 104 138.1 Educational Media Foundati					
208C2 Fredonia	KNAY.C AZ	CP CX 176.6 58.61 36 43 18 10 2432 92.4 -38.44< -2.27< 356.6 BMPED20010212ABY 112 12 57 256 13.9 Arizona Board Of Regents F					
260C St. George	KONY UT	LIC C 248.2 118.71 36 50 49 90 1991 93.0 48.0R 70.7M 68.2 BMLH20020215ABJ 113 29 28 658 116.1 Fm Radio 99.9, Inc.					
260C St. George	ALLO UT	RSV 248.2 118.71 36 50 49 100 1965 93.0 48.0R 70.7M 68.2 RM 113 29 28 632 116.1					

--- Channel 207 89.3 MHz. ---							
208C2 Fredonia	KNAY.C AZ	CP CX 176.6 58.61 36 43 18 10 2432 92.4 -103.35< -125.67< 356.6 BMPED20010212ABY 112 12 57 256 137.3 Arizona Board Of Regents F					
207A St. George	KAER.C UT	CP CX 263.1 118.03 37 06 54 0.9 949 93.0 -34.70< -100.34< 83.1 BPED19990510ME 113 34 23 104 199.9 Educational Media Foundati					
260C St. George	KONY UT	LIC C 248.2 118.71 36 50 49 90 1991 93.0 35.0R 83.7M 68.2 BMLH20020215ABJ 113 29 28 658 116.1 Fm Radio 99.9, Inc.					
260C St. George	ALLO UT	RSV 248.2 118.71 36 50 49 100 1965 93.0 35.0R 83.7M 68.2 RM 113 29 28 632 116.1					

--- Channel 208 89.5 MHz. ---							
208C2 Fredonia	KNAY.C AZ	CP CX 176.6 58.61 36 43 18 10 2432 92.4 -149.45< -187.13< 356.6 BMPED20010212ABY 112 12 57 256 198.7 Arizona Board Of Regents F					
207A KAER.C	CP CX 263.1 118.03	37 06 54 0.9 949 93.0 -2.26< -38.60<					

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY EAST

REFERENCE 37 14 56 N 112 15 16 W	Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 2518 M Average Protected F(50-50)= 91.82 km Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7	DISPLAY DATES DATA 11-08-03 SEARCH 11-11-03					
CH CITY	CALL STATE	TYPE AZI. DIST LAT. <-- FILE # LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km)	*IN* LICENSEE	*OUT* (Overlap in km)
St. George	UT	83.1 BPED19990510ME	113 34 23	104	138.1	Educational Media Foundati	
208C3 Drake	LIC AZ	CX 178.9 227.39 358.9 BLED20011022AAX	35 12 00 112 12 18	0.25 777	2845 198.6	92.3 St. Paul Bible College	33.82 -8.63<
208C Las Vegas	KCNV NV	CY 240.7 288.88 60.7 BLED19890906KA	35 56 50 115 03 01	100 496	1256 205.9	96.8 Nevada Public Radio Corpor	1.69 -3.50<
262C Escalante	RADD UT	ADD 44.6 81.76 224.6	37 46 13 111 36 04	100 548	2560 110.5	89.3 48.0R	48.0R 33.8M
--- Channel 209 89.7 MHz. ---							
208C2 Fredonia	KNAY.C AZ	CP CX 176.6 58.61 356.6 BMPED20010212ABY	36 43 18 112 12 57	10 256	2432 137.3	92.4 Arizona Board Of Regents F	-103.35< -125.67<
262C Escalante	RADD UT	ADD 44.6 81.76 224.6	37 46 13 111 36 04	100 548	2560 110.5	89.3 31.0R	31.0R 50.8M
--- Channel 210 89.9 MHz. ---							
208C2 Fredonia	KNAY.C AZ	CP CX 176.6 58.61 356.6 BMPED20010212ABY	36 43 18 112 12 57	10 256	2432 13.9	92.4 Arizona Board Of Regents F	-38.44< -2.27<
210C Bullhead City	981023 AZ	APP DVN 211.9 278.87 31.9 BPED19981023MO	35 06 28 113 52 40	40 927	2382 199.1	92.6 Csn International	-9.87< -13.29<
--- Channel 211 90.1 MHz. ---							
208C2 Fredonia	KNAY.C AZ	CP CX 176.6 58.61 356.6 BMPED20010212ABY	36 43 18 112 12 57	10 256	2432 13.9	92.4 Arizona Board Of Regents F	-38.44< -2.27<
212A Grand Canyon	KNAG AZ	LIC C 177.0 144.82 357.0 BLED20020123AAG	35 56 44 112 10 16	3 237	2046 137.3	92.4 Arizona Board Of Regents/n	-1.31< -28.46<
--- Channel 212 90.3 MHz. ---							
212A Grand Canyon	KNAG AZ	LIC C 177.0 144.82 357.0 BLED20020123AAG	35 56 44 112 10 16	3 237	2046 198.7	92.4 Arizona Board Of Regents/n	-42.35< -89.92<
266C Kanab	RDEL UT	DEL 275.9 52.44 95.9	37 17 45 112 50 34	100 606	2540 116.5	93.2 41.0R	41.0R 11.4M
266C Kanab	KPLD UT	LIC C 275.9 52.44 95.9 BLH20000809AAL	37 17 45 112 50 34	100 602	2536 116.5	93.2 Marathon Media Group, L.l.	41.0R 11.4M
--- Channel 213 90.5 MHz. ---							
214C3 St. George	CP214 UT	CP CX 260.4 118.86 80.4 BNPED20000118ADN	37 03 48 113 34 20	18 18	974 137.9	92.9 Casper Learning Fm Incorpo	-5.82< -40.07<
212A Grand Canyon	KNAG AZ	LIC C 177.0 144.82 357.0 BLED20020123AAG	35 56 44 112 10 16	3 237	2046 137.3	92.4 Arizona Board Of Regents/n	-1.31< -28.46<
216C3 Cedar City	KSUU UT	LIC CN 301.3 86.39 121.3 BLED19850219KK	37 38 55 113 05 32	10 -804	1892 13.6	91.5 South State University	-6.88< 54.70
213C KILA	LIC CN	241.5 281.98	36 00 29	100	1074	96.8	2.02 -4.01<

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY EAST

REFERENCE 37 14 56 N 112 15 16 W	Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 2518 M Average Protected F(50-50)= 91.82 km Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7	DISPLAY DATES DATA 11-08-03 SEARCH 11-11-03							
CH CITY	CALL STATE	TYPE AZI. DIST LAT. Pwr(kW) COR(M) *IN* *OUT*	CITY	FILE #	LNG.	HAAT(M)	INT(km)	LICENSEE (Overlap in km)	
Las Vegas		NV 61.5 BLED19850819KW	115 00 20	404	205.9	Faith Communications Corp.			
266C Kanab	KPLD	LIC C 275.9 52.44	37 17 45	100	2536	93.2	29.0R	23.4M	
		UT 95.9 BLH20000809AAL	112 50 34	602	116.5	Marathon Media Group, L.l.			
266C Kanab	RDEL	DEL 275.9 52.44	37 17 45	100	2540	93.2	29.0R	23.4M	
		UT 95.9	112 50 34	606	116.5				
--- Channel 214 90.7 MHz. ---									
214C3 St. George	CP214	CP CX 260.4 118.86	37 03 48	18	974	92.9	-66.80<	-101.75<	
		UT 80.4 BN PED20000118ADN	113 34 20	18	199.6	Casper Learning Fm Incorpo			
216C3 Cedar City	KSUU	LIC CN 301.3 86.39	37 38 55	10	1892	91.5	-6.88<	54.70	
		UT 121.3 BLED19850219KK	113 05 32	-804	13.6	South State University			
--- Channel 215 90.9 MHz. ---									
216C3 Cedar City	KSUU	LIC CN 301.3 86.39	37 38 55	10	1892	91.5	-31.88<	-67.83<	
		UT 121.3 BLED19850219KK	113 05 32	-804	136.1	South State University			
214C3 St. George	CP214	CP CX 260.4 118.86	37 03 48	18	974	92.9	-5.82<	-40.07<	
		UT 80.4 BN PED20000118ADN	113 34 20	18	137.9	Casper Learning Fm Incorpo			
215C Prescott	KGCB	LIC CN 177.5 284.47	34 41 15	58	2360	92.4	-3.17<	-6.20<	
		AZ 357.5 BLED19941212KD	112 07 02	757	198.7	Grand Canyon Broadcasters,			
--- Channel 216 91.1 MHz. ---									
216C3 Cedar City	KSUU	LIC CN 301.3 86.39	37 38 55	10	1892	91.5	-85.36<	-128.84<	
		UT 121.3 BLED19850219KK	113 05 32	-804	197.1	South State University			
217C1 Tuba City	KGHR.C	CP DCX 136.3 136.32	36 21 27	9.99	2097	94.0	-32.41<	-53.79<	
		AZ 316.3 BPED20030402ACF	111 12 12	310	139.3	Tuba City High School Boar			
216A Mesquite	KARQ.C	CP CX 253.7 185.81	36 45 52	0.625	715	92.8	26.05	-35.75<	
		NV 73.7 BN PED20000118AAM	114 15 10	181	199.5	Educational Media Foundati			
219C2 Page	KNAD	LIC C 137.8 82.53	36 41 51	1	2071	93.6	-13.24<	21.74	
		AZ 317.8 BLED19991014AAS	111 37 57	654	14.2	Az Board Of Regents For N.			
270C2 Kanab	RADD	ADD 227.1 32.86	37 02 51	50	1818	92.0	35.0R	-2.1M	
		UT 47.1	112 31 32	61	114.9				
--- Channel 217 91.3 MHz. ---									
217C1 Tuba City	KGHR.C	CP DCX 136.3 136.32	36 21 27	9.99	2097	94.0	-79.57<	-115.88<	
		AZ 316.3 BPED20030402ACF	111 12 12	310	201.4	Tuba City High School Boar			
216C3 Cedar City	KSUU	LIC CN 301.3 86.39	37 38 55	10	1892	91.5	-31.88<	-67.83<	
		UT 121.3 BLED19850219KK	113 05 32	-804	136.1	South State University			
219C2 Page	KNAD	LIC C 137.8 82.53	36 41 51	1	2071	93.6	-13.24<	21.74	
		AZ 317.8 BLED19991014AAS	111 37 57	654	14.2	Az Board Of Regents For N.			
270C2 Kanab	RADD	ADD 227.1 32.86	37 02 51	50	1818	92.0	48.0R	-15.1M	
		UT 47.1	112 31 32	61	114.9				
--- Channel 218 91.5 MHz. ---									

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY EAST

REFERENCE	Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 2518 M								DISPLAY DATES	
37 14 56 N	Average Protected F(50-50)= 91.82 km								DATA 11-08-03	
112 15 16 W	Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7								SEARCH 11-11-03	
CH CITY	CALL	TYPE	AZI.	DIST	LAT.	Pwr (kW)	COR (M)	PRO (km)	*IN*	*OUT*
		STATE	<--	FILE #	LNG.	HAAT (M)	INT (km)	LICENSEE	(Overlap in km)	
219C2 Page	KNAD	LIC AZ	C	137.8 317.8	82.53 BLED19991014AAS	36 41 51 111 37 57	1 654	2071 138.9	93.6 Az Board Of Regents For N.	-81.07< -102.90<
217C1 Tuba City	KGHR.C	CP AZ	DCX	136.3 316.3	136.32 BPED20030402ACF	36 21 27 111 12 12	9.99 310	2097 139.3	94.0 Tuba City High School Boar	-32.41< -53.79<
218A Tuba City	KGHR	LIC AZ	CN	143.1 323.1	154.34 BLED19920804KA	36 08 00 111 13 23	0.1 -83	1553 199.9	93.0 Tuba City High School Boar	42.74 -51.15<
216C3 Cedar City	KSUU	LIC UT	CN	301.3 121.3	86.39 BLED19850219KK	37 38 55 113 05 32	10 -804	1892 13.6	91.5 South State University	-6.88< 54.70
272C2 Parowan	RADD<	ADD UT		322.8 142.8	82.89	37 50 30 112 49 30	50 -218	2300 111.1	89.6	41.0R 41.9M
272C2 Parowan	RDEL<	DEL UT		322.8 142.8	82.89	37 50 30 112 49 30	50 -218	2300 111.1	89.6	41.0R 41.9M
 --- Channel 219 91.7 MHz. ---										
219C2 Page	KNAD	LIC AZ	C	137.8 317.8	82.53 BLED19991014AAS	36 41 51 111 37 57	1 654	2071 200.8	93.6 Az Board Of Regents For N.	-128.35< -164.86<
219C3 Panaca	KLNR	LIC NV	CN	290.0 110.0	217.38 BLED19891030KA	37 53 38 114 34 40	0.1 1153	2871 200.1	93.2 Nevada Public Radio Corpor	23.62 -19.17<
216C3 Cedar City	KSUU	LIC UT	CN	301.3 121.3	86.39 BLED19850219KK	37 38 55 113 05 32	10 -804	1892 13.6	91.5 South State University	-6.88< 54.70
272C2 Parowan	RADD<	ADD UT		322.8 142.8	82.89	37 50 30 112 49 30	50 -218	2300 111.1	89.6	31.0R 51.9M
272C2 Parowan	RDEL<	DEL UT		322.8 142.8	82.89	37 50 30 112 49 30	50 -218	2300 111.1	89.6	31.0R 51.9M
 --- Channel 220 91.9 MHz. ---										
221C Cedar City	RADD<	ADD UT		294.3 114.3	108.41	37 38 41 113 22 28	100 658	2505 137.7	92.7	-123.66< -123.27<
219C2 Page	KNAD	LIC AZ	C	137.8 317.8	82.53 BLED19991014AAS	36 41 51 111 37 57	1 654	2071 138.9	93.6 Az Board Of Regents For N.	-81.07< -102.90<
221A Beaver	RADD<	ADD UT		343.6 163.6	119.06	38 16 37 112 38 25	6 71	2059 124.2	83.6	-1.47< -29.37<
221A Tusayan	RDEL<	DEL AZ		175.5 355.5	142.28	35 58 14 112 07 53	6 350	2038 137.0	92.1	-22.15< -43.27<
221A Tusayan	KSGC<	LIC AZ	C	175.5 355.5	142.28 BMLH19990809KD	35 58 14 112 07 53	4.1 353	2041 137.0	92.1 Tusayan Broadcasting Compa	-17.81< -40.02<
220C Kingman	980611	APP AZ	VN	212.1 32.1	278.61 BPED19980611ME	35 06 48 113 53 00	30 951	2362 199.1	92.6 American Family Associatio	-4.47< -10.95<
220C Kingman	970822	APP AZ	EN	212.0 32.0	278.83 BPED19970822MA	35 06 35 113 52 51	40 901	2350 199.1	92.6 Csn International	-8.49< -12.69<
220C Kingman	ALLO	VAC AZ		215.7 35.7	280.02	35 11 20 114 03 12	100 661	1681 199.8	93.0	-14.67< -13.94<

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY EAST

REFERENCE 37 14 56 N 112 15 16 W	Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 2518 M Average Protected F(50-50)= 91.82 km	DISPLAY DATES DATA 11-08-03 SEARCH 11-11-03
Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7		

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN*	*OUT*
220C Kingman	980619	APP VN AZ	212.1 32.1	282.62 BPED19980619MH	35 04 53 113 54 15	24 948	2619 199.1	92.6 Broadcasting For The Chall	4.66	-4.43<
06Z2 Caliente	NEW	ADM HN NV	287.4 107.4	207.20 BPRM20000717ABW	37 47 00 114 30 00	100 514	2019 473.2	0.0 Tv 6	To Grd B= 85.58 Kaleidoscope Foundati	

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY SOUTH

REFERENCE 36 26 05 N 113 17 00 W	Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 2384 M Average Protected F(50-50)= 91.82 km Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7	DISPLAY DATES DATA 11-08-03 SEARCH 11-11-03						
CH CITY	CALL STATE	TYPE AZI. DIST LAT. Pwr (kW) COR (M) PRO (km) -- FILE # LNG. HAAT (M) INT (km)	LICENSEE *IN* *OUT* (Overlap in km)					
--- Channel 201 88.1 MHz. ---								
201C2 Las Vegas	KCEP NV	LIC CY 253.5 161.96 73.5 BLED19930617KA	36 00 31 10 1059 96.7 -56.42< -94.50< 115 00 22 308 205.8 Economic Opportunity Board					
--- Channel 202 88.3 MHz. ---								
203C1 Mesquite	950512 NV	CP DVX 285.6 116.80 105.6 BPED19950512MA	36 42 33 61.684 880 98.3 -77.36< -93.23< 114 32 35 275 144.5 Southern Nevada Ed Broadca					
201C2 Las Vegas	KCEP NV	LIC CY 253.5 161.96 73.5 BLED19930617KA	36 00 31 10 1059 96.7 -9.33< -31.38< 115 00 22 308 142.7 Economic Opportunity Board					
203A Kingman	AP203 AZ	APP VX 200.8 159.02 20.8 BNPED20000406ABG	35 05 39 0.5 2355 97.4 -8.81< -31.83< 113 54 19 917 143.4 Faith Communications Corp.					
--- Channel 203 88.5 MHz. ---								
203C1 Mesquite	950512 NV	CP DVX 285.6 116.80 105.6 BPED19950512MA	36 42 33 61.684 880 98.3 -139.07< -157.17< 114 32 35 275 208.4 Southern Nevada Ed Broadca					
203A Kingman	AP203 AZ	APP VX 200.8 159.02 20.8 BNPED20000406ABG	35 05 39 0.5 2355 97.4 -55.42< -95.24< 113 54 19 917 206.8 Faith Communications Corp.					
257C Grand Canyon Villag	RADD AZ	ADD 124.7 73.13 304.7	36 03 31 100 2279 77.9 35.0R 38.1M 112 36 55 586 93.2					
--- Channel 204 88.7 MHz. ---								
203C1 Mesquite	950512 NV	CP DVX 285.6 116.80 105.6 BPED19950512MA	36 42 33 61.684 880 98.3 -77.36< -93.23< 114 32 35 275 144.5 Southern Nevada Ed Broadca					
204C Flagstaff	KNAU AZ	LIC C 134.9 228.73 314.9 BLED19991014AAT	34 58 07 100 2624 72.5 -29.53< -25.74< 111 30 24 435 172.1 Northern Arizona Universit					
205C Las Vegas	KNPR.C NV	CP CX 256.0 206.14 76.0 BMPED20030214AAC	35 58 02 24.7 2573 96.6 -29.58< -31.75< 115 30 06 1346 142.5 Nevada Public Radio Corpor					
207A St. George	KAER.C UT	CP CX 341.3 79.80 161.3 BPED19990510ME	37 06 54 0.9 949 92.9 -14.69< 45.70 113 34 23 123 14.0 Educational Media Foundati					
203A Kingman	AP203 AZ	APP VX 200.8 159.02 20.8 BNPED20000406ABG	35 05 39 0.5 2355 97.4 -8.81< -31.83< 113 54 19 917 143.4 Faith Communications Corp.					
257C Grand Canyon Villag	RADD AZ	ADD 124.7 73.13 304.7	36 03 31 100 2279 77.9 29.0R 44.1M 112 36 55 586 93.2					
--- Channel 205 88.9 MHz. ---								
205C Las Vegas	KNPR.C NV	CP CX 256.0 206.14 76.0 BMPED20030214AAC	35 58 02 24.7 2573 96.6 -93.58< -94.81< 115 30 06 1346 205.6 Nevada Public Radio Corpor					
205C Wickenburg	AP205 AZ	APP DEX 181.4 262.95 1.4 BNPED19991110AAM	34 03 55 8.544 1612 95.0 3.55 -16.61< 113 21 18 939 203.0 Living Proof, Inc.					
207A St. George	KAER.C UT	CP CX 341.3 79.80 161.3 BPED19990510ME	37 06 54 0.9 949 92.9 -14.69< 45.70 113 34 23 123 14.0 Educational Media Foundati					

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY SOUTH

REFERENCE 36 26 05 N 113 17 00 W	Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 2384 M Average Protected F(50-50)= 91.82 km Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7	DISPLAY DATES DATA 11-08-03 SEARCH 11-11-03
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CH CITY	CALL STATE	TYPE FILE #	AZI. <--	DIST LNG.	LAT. LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
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--- Channel 206 89.1 MHz. ---

207A KAER.C St. George	CP CX 341.3 79.80 UT 161.3 BPED19990510ME	37 06 54 113 34 23	0.9 123	949 137.9	92.9 Educational Media Foundati	-42.63<	-78.19<
205C KNPR.C Las Vegas	CP CX 256.0 206.14 NV 76.0 BMPED20030214AAC	35 58 02 115 30 06	24.7 1346	2573 142.5	96.6 Nevada Public Radio Corpor	-29.58<	-31.75<
260C KONY St. George	LIC C 338.0 49.37 UT 158.0 BMLH20020215ABJ	36 50 49 113 29 28	90 541	1991 118.3	94.7 Fm Radio 99.9, Inc.	48.0R	1.4M
260C ALLO St. George	RSV 338.0 49.37 UT 158.0 RM	36 50 49 113 29 28	100 515	1965 118.3	94.7	48.0R	1.4M

--- Channel 207 89.3 MHz. ---

207A KAER.C St. George	CP CX 341.3 79.80 UT 161.3 BPED19990510ME	37 06 54 113 34 23	0.9 123	949 199.6	92.9 Educational Media Foundati	-75.87<	-139.86<
208C2 KNAY.C Fredonia	CP CX 71.2 100.71 AZ 251.2 BMPED20010212ABY	36 43 18 112 12 57	10 283	2432 124.2	83.6 Arizona Board Of Regents F	-55.02<	-72.39<
208C KCNV Las Vegas	LIC CY 251.6 167.89 NV 71.6 BLED19890906KA	35 56 50 115 03 01	100 419	1256 142.8	96.8 Nevada Public Radio Corpor	-49.44<	-56.07<
260C KONY St. George	LIC C 338.0 49.37 UT 158.0 BMLH20020215ABJ	36 50 49 113 29 28	90 541	1991 118.3	94.7 Fm Radio 99.9, Inc.	35.0R	14.4M
260C ALLO St. George	RSV 338.0 49.37 UT 158.0 RM	36 50 49 113 29 28	100 515	1965 118.3	94.7	35.0R	14.4M

--- Channel 208 89.5 MHz. ---

208C2 KNAY.C Fredonia	CP CX 71.2 100.71 AZ 251.2 BMPED20010212ABY	36 43 18 112 12 57	10 283	2432 187.1	83.6 Arizona Board Of Regents F	-101.60<	-135.33<
208C KCNV Las Vegas	LIC CY 251.6 167.89 NV 71.6 BLED19890906KA	35 56 50 115 03 01	100 419	1256 205.9	96.8 Nevada Public Radio Corpor	-113.35<	-119.21<
207A KAER.C St. George	CP CX 341.3 79.80 UT 161.3 BPED19990510ME	37 06 54 113 34 23	0.9 123	949 137.9	92.9 Educational Media Foundati	-42.63<	-78.19<
208C3 KJZA Drake	LIC CX 144.4 168.12 AZ 324.4 BLED20011022AAX	35 12 00 112 12 18	0.25 753	2845 175.5	74.6 St. Paul Bible College	-6.70<	-44.11<
209C2 KCNV.C Las Vegas	CP CN 267.1 186.80 NV 87.1 BPED20010830ADB	36 20 00 115 21 41	34 287	1074 144.2	98.0 Nevada Public Radio Corpor	0.00<	-18.00<

--- Channel 209 89.7 MHz. ---

208C2 KNAY.C Fredonia	CP CX 71.2 100.71 AZ 251.2 BMPED20010212ABY	36 43 18 112 12 57	10 283	2432 124.2	83.6 Arizona Board Of Regents F	-55.02<	-72.39<
210C 981023 Bullhead City	APP DVN 200.1 156.73 AZ 20.1 BPED19981023MO	35 06 28 113 52 40	40 983	2382 143.4	97.3 Csn International	-78.02<	-81.08<
208C KCNV Las Vegas	LIC CY 251.6 167.89 NV 71.6 BLED19890906KA	35 56 50 115 03 01	100 419	1256 142.8	96.8 Nevada Public Radio Corpor	-49.44<	-56.07<
209C2 KCNV.C	CP CN 267.1 186.80	36 20 00	34	1074	98.0	-55.74<	-81.79<

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY SOUTH

REFERENCE 36 26 05 N 113 17 00 W	Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 2384 M Average Protected F(50-50)= 91.82 km Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7	DISPLAY DATES DATA 11-08-03 SEARCH 11-11-03				
CH CITY	CALL STATE	TYPE AZI. DIST LAT. <-- FILE # LNG.	Pwr(kW) COR(M) HAAT(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
Las Vegas	NV	87.1 BPED20010830ADB	115 21 41 287	208.0 Nevada Public Radio Corpor		
210C1 Kingman	990506 AZ	APP VN 200.6 160.31 20.6 BPED19990506MB	35 04 53 113 54 15 1051	2609 97.4 143.4	-15.78< Broadcasting For The Chall	-36.36<
209C2 Las Vegas	KCNV.C NV	CP DCX 256.0 206.11 76.0 BMPED20030214AAB	35 57 57 115 30 03 1344	2570 96.6 205.6	20.05< Nevada Public Radio Corpor	-54.65<
207A St. George	KAER.C UT	CP CX 341.3 79.80 161.3 BPED19990510ME	37 06 54 113 34 23 123	949 92.9 14.0	-14.69< Educational Media Foundati	45.70
--- Channel 210 89.9 MHz. ---						
210C Bullhead City	981023 AZ	APP DVN 200.1 156.73 20.1 BPED19981023MO	35 06 28 113 52 40 983	2382 97.3 206.8	-139.93< Csn International	-144.48<
210C1 Kingman	990506 AZ	APP VN 200.6 160.31 20.6 BPED19990506MB	35 04 53 113 54 15 1051	2609 97.4 206.8	-63.26< Broadcasting For The Chall	-99.78<
210C1 Flagstaff	KJTA AZ	LIC C 135.0 228.66 315.0 BLED20001219AAQ	34 58 06 111 30 29 427	2617 72.5 172.1	20.85 Joy Public Broadcasting Co	-0.21<
207A St. George	KAER.C UT	CP CX 341.3 79.80 161.3 BPED19990510ME	37 06 54 113 34 23 123	949 92.9 14.0	-14.69< Educational Media Foundati	45.70
211A Kingman	ALLO AZ	VAC 206.8 154.76 26.8	35 11 20 114 03 12 154	1181 97.4 143.5	5.53 -23.25<	
211A Kingman	981013 AZ	APP CN 200.6 160.31 20.6 BPED19981013MO	35 04 52 113 54 12 1004	2569 97.4 143.4	24.52 Cedar Broadcasting, Inc.	-7.30<
209C2 Las Vegas	KCNV.C NV	CP CN 267.1 186.80 87.1 BPED20010830ADB	36 20 00 115 21 41 287	1074 98.0 144.2	0.00< Nevada Public Radio Corpor	-18.00<
--- Channel 211 90.1 MHz. ---						
210C Bullhead City	981023 AZ	APP DVN 200.1 156.73 20.1 BPED19981023MO	35 06 28 113 52 40 983	2382 97.3 143.4	-78.02< Csn International	-81.08<
211A Kingman	ALLO AZ	VAC 206.8 154.76 26.8	35 11 20 114 03 12 154	1181 97.4 206.9	-37.47< -86.70<	
211A Kingman	981013 AZ	APP CN 200.6 160.31 20.6 BPED19981013MO	35 04 52 113 54 12 1004	2569 97.4 206.8	-15.59< Cedar Broadcasting, Inc.	-70.72<
212A Grand Canyon	KNAG AZ	LIC C 118.3 113.82 298.3 BLED20020123AAG	35 56 44 112 10 16 144	2046 80.4 119.3	-9.58< Arizona Board Of Regents/n	-33.83<
210C1 Kingman	990506 AZ	APP VN 200.6 160.31 20.6 BPED19990506MB	35 04 53 113 54 15 1051	2609 97.4 143.4	-15.78< Broadcasting For The Chall	-36.36<
214C3 St. George	CP214 UT	CP CX 339.9 74.37 159.9 BNPED20000118ADN	37 03 48 113 34 20 78	974 93.6 14.3	-22.56< Casper Learning Fm Incorpo	27.73
265C Moapa	RADD NV	ADD 293.7 116.17 113.7	36 50 52 114 28 37 768	1584 99.0 123.2	48.0R 68.2M	
--- Channel 212 90.3 MHz. ---						
212A Grand Canyon	KNAG AZ	LIC C 118.3 113.82 298.3 BLED20020123AAG	35 56 44 112 10 16 144	2046 80.4 183.6	-49.60< Arizona Board Of Regents/n	-98.05<

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY SOUTH

REFERENCE Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 2384 M DISPLAY DATES
36 26 05 N Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7 DATA 11-08-03
113 17 00 W

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT(M)	COR (M) INT(km)	PRO (km)	*IN* LICENSEE	*OUT* (Overlap in km)
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213C Las Vegas	KILA	LIC NV	253.4 73.4	161.93 BLED19850819KW	36 00 29 115 00 20	100 318	1074 142.7	96.7 143.5	-41.71< 154	-54.49< Faith Communications Corp.
214C3 St. George	CP214	CP UT	339.9 159.9	74.37 BN PED20000118ADN	37 03 48 113 34 20	18 78	974 144.3	93.6 143.5	-22.56< 154	27.73 Casper Learning Fm Incorpo
211A Kingman	ALLO	VAC AZ	206.8 26.8	154.76	35 11 20 114 03 12	6 154	1181 143.5	97.4 143.5	5.53	-23.25<
211A Kingman	981013	APP AZ	200.6 20.6	160.31 BPED19981013MO	35 04 52 113 54 12	0.03 1004	2569 143.4	97.4 143.4	24.52	-7.30< Cedar Broadcasting, Inc.
266C Kanab	RDEL	DEL UT	22.1 202.1	103.32	37 17 45 112 50 34	100 795	2540 110.5	89.2 110.5	41.0R	62.3M
266C Kanab	KPLD	LIC UT	22.1 202.1	103.32 BLH20000809AAL	37 17 45 112 50 34	100 791	2536 110.5	89.2 110.5	41.0R	62.3M Marathon Media Group, L.l.
265C Moapa	RADD	ADD NV	293.7 113.7	116.17	36 50 52 114 28 37	100 768	1584 123.2	99.0 123.2	41.0R	75.2M

--- Channel 213 90.5 MHz. ---

213C Las Vegas	KILA	LIC NV	253.4 73.4	161.93 BLED19850819KW	36 00 29 115 00 20	100 318	1074 205.8	96.7 205.8	-108.80< 205.8	-117.61< Faith Communications Corp.
214C3 St. George	CP214	CP UT	339.9 159.9	74.37 BN PED20000118ADN	37 03 48 113 34 20	18 78	974 138.9	93.6 138.9	-70.81< 138.9	-96.93< Casper Learning Fm Incorpo
212A Grand Canyon	KNAG	LIC AZ	118.3 298.3	113.82 BLED20020123AAG	35 56 44 112 10 16	3 144	2046 119.3	80.4 119.3	-9.58< 119.3	-33.83< Arizona Board Of Regents/n
216A Mesquite	KARQ.C	CP NV	293.2 113.2	94.15 BN PED20000118AAM	36 45 52 114 15 10	0.625 96	715 16.2	98.9 16.2	-6.40< 16.2	62.05 Educational Media Foundati
266C Kanab	RDEL	DEL UT	22.1 202.1	103.32	37 17 45 112 50 34	100 795	2540 110.5	89.2 110.5	29.0R	74.3M
266C Kanab	KPLD	LIC UT	22.1 202.1	103.32 BLH20000809AAL	37 17 45 112 50 34	100 791	2536 110.5	89.2 110.5	29.0R	74.3M Marathon Media Group, L.l.

--- Channel 214 90.7 MHz. ---

214C3 St. George	CP214	CP UT	339.9 159.9	74.37 BN PED20000118ADN	37 03 48 113 34 20	18 78	974 200.9	93.6 200.9	-121.67< 200.9	-158.90< Casper Learning Fm Incorpo
213C Las Vegas	KILA	LIC NV	253.4 73.4	161.93 BLED19850819KW	36 00 29 115 00 20	100 318	1074 142.7	96.7 142.7	-41.71< 142.7	-54.49< Faith Communications Corp.
214A Kingman	AP214	APP AZ	206.8 26.8	154.66 BN PED20030714AAZ	35 11 22 114 03 08	0.1 9	1036 206.9	97.4 206.9	38.68 206.9	-57.90< St. Michael The Archangel
214C2 Prescott	ALLO	VAC AZ	160.4 340.4	223.09	34 32 18 112 27 58	50 272	1916 193.5	89.1 193.5	-18.17< 193.5	-33.66<
216A Mesquite	KARQ.C	CP NV	293.2 113.2	94.15 BN PED20000118AAM	36 45 52 114 15 10	0.625 96	715 16.2	98.9 16.2	-6.40< 16.2	62.05 Educational Media Foundati

--- Channel 215 90.9 MHz. ---

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY SOUTH

REFERENCE Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 2384 M DISPLAY DATES
36 26 05 N Average Protected F(50-50)= 91.82 km DATA 11-08-03
113 17 00 W Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7 SEARCH 11-11-03

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNC.	Pwr (kW) HAAT(M)	COR (M) INT(km)	PRO (km)	*IN* LICENSEE	*OUT* (Overlap in km)	
214C3 St. George	CP214	CP UT	339.9 159.9	74.37 BNPED20000118ADN	37 03 48 113 34 20	18 78	974 138.9	93.6	-70.81< Casper Learning Fm Incorpo	-96.93<	
216A Mesquite	KARQ.C	CP NV	293.2 113.2	94.15 BNPED20000118AAM	36 45 52 114 15 10	0.625 96	715 145.2	98.9	-28.62< Educational Media Foundati	-66.95<	
215C Prescott	KGCB	LIC AZ	151.2 331.2	220.81 BLED19941212KD	34 41 15 112 07 02	58 449	2360 188.7	85.0	-38.87< Grand Canyon Broadcasters,	-45.57<	
216C3 Cedar City	KSUU	LIC UT	7.1 187.1	135.78 BLED19850219KK	37 38 55 113 05 32	10 -353	1892 130.6	87.4	21.57	-12.91< South State University	
--- Channel 216 91.1 MHz. ---											
216A Mesquite	KARQ.C	CP NV	293.2 113.2	94.15 BNPED20000118AAM	36 45 52 114 15 10	0.625 96	715 209.5	98.9	-58.67< Educational Media Foundati	-131.32<	
216C3 Cedar City	KSUU	LIC UT	7.1 187.1	135.78 BLED19850219KK	37 38 55 113 05 32	10 -353	1892 191.5	87.4	-31.91< South State University	-73.85<	
216B Las Vegas	971010	APP NV	243.5 63.5	230.34 BPED19971010MC	35 29 27 115 33 27	2.3 852	1851 206.8	97.3	-6.13< Southern Nevada Ed Broadca	-37.12<	
217C1 Tuba City	KGHR.C	CP AZ	92.0 272.0	186.80 BPED20030402ACF	36 21 27 111 12 12	47.839 360	2097 127.2	85.4	0.18	-9.71< Tuba City High School Boar	
214C3 St. George	CP214	CP UT	339.9 159.9	74.37 BNPED20000118ADN	37 03 48 113 34 20	18 78	974 14.3	93.6	-22.56< Casper Learning Fm Incorpo	27.73	
270C2 Kanab	RADD	ADD UT	44.5 224.5	95.94	37 02 51 112 31 32	50 284	1818 110.2	89.1	29.0R	66.9M	
--- Channel 217 91.3 MHz. ---											
217C1 Tuba City	KGHR.C	CP AZ	92.0 272.0	186.80 BPED20030402ACF	36 21 27 111 12 12	47.839 360	2097 189.2	85.4	-60.53< Tuba City High School Boar	-71.67<	
216A Mesquite	KARQ.C	CP NV	293.2 113.2	94.15 BNPED20000118AAM	36 45 52 114 15 10	0.625 96	715 145.2	98.9	-28.62< Educational Media Foundati	-66.95<	
218C1 Las Vegas	KUNV	LIC NV	253.4 73.4	161.94 BLED19840906DM	36 00 28 115 00 20	15 284	1042 142.7	96.7	-12.25< Univ Of Nevada System Bd O	-33.51<	
216C3 Cedar City	KSUU	LIC UT	7.1 187.1	135.78 BLED19850219KK	37 38 55 113 05 32	10 -353	1892 130.6	87.4	21.57	-12.91< South State University	
214C3 St. George	CP214	CP UT	339.9 159.9	74.37 BNPED20000118ADN	37 03 48 113 34 20	18 78	974 14.3	93.6	-22.56< Casper Learning Fm Incorpo	27.73	
270C2 Kanab	RADD	ADD UT	44.5 224.5	95.94	37 02 51 112 31 32	50 284	1818 110.2	89.1	31.0R	64.9M	
--- Channel 218 91.5 MHz. ---											
218C1 Las Vegas	KUNV	LIC NV	253.4 73.4	161.94 BLED19840906DM	36 00 28 115 00 20	15 284	1042 205.8	96.7	-62.00< Univ Of Nevada System Bd O	-96.63<	
219C2 Page	KNAD	LIC AZ	78.3 258.3	150.63 BLED19991014AAS	36 41 51 111 37 57	1 754	2071 126.4	84.9	-8.73< Az Board Of Regents For N.	-25.61<	

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY SOUTH

REFERENCE	Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 2384 M										DISPLAY DATES	
36 26 05 N 113 17 00 W	Average Protected F(50-50)= 91.82 km Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7										DATA 11-08-03	
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*		
217C1 Tuba City	KGHR.C	CP AZ	92.0 272.0	186.80 BPED20030402ACF	36 21 27 111 12 12	47.839 360	2097 127.2	85.4	0.18	-9.71<		
216A Mesquite	KARQ.C	CP NV	293.2 113.2	94.15 BNPED20000118AAM	36 45 52 114 15 10	0.625 96	715 16.2	98.9	-6.40<	62.05		
272C1 Overton	RADD<	ADD NV	292.8 112.8	99.18	36 46 30 114 18 30	100 430	988 123.1	98.9	29.0R	70.2M		
--- Channel 219 91.7 MHz. ---												
219C2 Page	KNAD	LIC AZ	78.3 258.3	150.63 BLED19991014AAS	36 41 51 111 37 57	1 754	2071 188.6	84.9	-56.10<	-87.86<		
220C Kingman	ALLO	VAC AZ	206.8 26.8	154.76	35 11 20 114 03 12	100 654	1681 143.5	97.4	-81.86<	-82.60<		
220C Kingman	980611	APP AZ	200.4 20.4	156.33 BPED19980611ME	35 06 48 113 53 00	30 1006	2362 143.4	97.3	-74.42<	-78.76<		
220C Kingman	970822	APP AZ	200.3 20.3	156.63 BPED19970822MA	35 06 35 113 52 51	40 969	2350 143.4	97.3	-77.72<	-80.85<		
220C Kingman	980619	APP AZ	200.6 20.6	160.31 BPED19980619MH	35 04 53 113 54 15	24 1061	2619 143.4	97.4	-68.33<	-73.44<		
218C1 Las Vegas	KUNV	LIC NV	253.4 73.4	161.94 BLED19840906DM	36 00 28 115 00 20	15 284	1042 142.7	96.7	-12.25<	-33.51<		
219C3 Panaca	KLNR	LIC NV	325.1 145.1	198.60 BLED19891030KA	37 53 38 114 34 40	0.1 1171	2871 211.3	99.9	-2.39<	-49.41<		
216A Mesquite	KARQ.C	CP NV	293.2 113.2	94.15 BNPED20000118AAM	36 45 52 114 15 10	0.625 96	715 16.2	98.9	-6.40<	62.05		
272C1 Overton	RADD<	ADD NV	292.8 112.8	99.18	36 46 30 114 18 30	100 430	988 123.1	98.9	41.0R	58.2M		
273C1 Grand Canyon Villag	RADD<	ADD AZ	112.7 292.7	110.32	36 02 47 112 09 13	100 154	1982 98.3	81.4	41.0R	69.3M		
--- Channel 220 91.9 MHz. ---												
220C Kingman	ALLO	VAC AZ	206.8 26.8	154.76	35 11 20 114 03 12	100 654	1681 206.9	97.4	-143.91<	-146.04<		
220C Kingman	980611	APP AZ	200.4 20.4	156.33 BPED19980611ME	35 06 48 113 53 00	30 1006	2362 206.8	97.3	-134.29<	-142.17<		
220C Kingman	970822	APP AZ	200.3 20.3	156.63 BPED19970822MA	35 06 35 113 52 51	40 969	2350 206.8	97.3	-139.25<	-144.26<		
220C Kingman	980619	APP AZ	200.6 20.6	160.31 BPED19980619MH	35 04 53 113 54 15	24 1061	2619 206.8	97.4	-127.61<	-136.86<		
221C Cedar City	RADD<	ADD UT	356.6 176.6	134.53	37 38 41 113 22 28	100 434	2505 129.1	86.5	-74.19<	-76.89<		
221A Tusayan	KSGC<	LIC AZ	116.2 296.2	115.70 BMLH19990809KD	35 58 14 112 07 53	4.1 95	2041 119.5	80.5	-3.49<	-29.11<		

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY SOUTH

REFERENCE Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 2384 M DISPLAY DATES
36 26 05 N Average Protected F(50-50)= 91.82 km DATA 11-08-03
113 17 00 W Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7 SEARCH 11-11-03

CH CITY	CALL STATE	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT(M)	COR (M) INT(km)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
221A Tusayan	RDEL« AZ	DEL AZ	116.2 296.2	115.70	35 58 14 112 07 53	6 92	2038 119.5	80.5	-6.81<	-30.95<
219C2 Page	KNAD AZ	LIC C AZ	78.3 258.3	150.63 BLED19991014AAS	36 41 51 111 37 57	1 754	2071 126.4	84.9 Az Board Of Regents For N.	-8.73<	-25.61<
273C1 Grand Canyon Villag	RADD« AZ	ADD 292.7	112.7 292.7	110.32	36 02 47 112 09 13	100 154	1982 98.3	81.4	45.0R	65.3M
06Z2 Caliente	NEW NV	ADM HN 144.6	324.6 BPRM20000717ABW	184.65	37 47 00 114 30 00	100 545	2019 484.8	0.0 Tv 6	To Grd B= Kaleidoscope Foundati	60.45

CHANNEL PRECLUSION STUDY
TOQUEVILLE, UT
MAXIMUM FACILITY WEST

REFERENCE 37 14 56 N 114 18 42 W	Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 1963 M Average Protected F(50-50)= 91.82 km Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7	DISPLAY DATES DATA 11-08-03 SEARCH 11-11-03
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CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
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--- Channel 201 88.1 MHz. ---

201C2 Las Vegas	KCEP	LIC NV	CY 24.4	204.4 151.00 BLED19930617KA	36 00 31 115 00 22	10 535	1059 208.3	98.2 Economic Opportunity Board	-95.31<	-121.76<
203C1 Mesquite	950512	CP NV	DVX 19.0	199.0 63.34 BPED19950512MA	36 42 33 114 32 35	100 36	880 16.2	99.2 Southern Nevada Ed Broadca	-39.24<	13.79
255C Pioche	KBZB.A	APP NV	CX 150.1	330.1 27.20 BPH20030819ABR	37 27 40 114 27 55	100 686	2283 96.6	80.2 Gla-mar Broadcasting, Llc	35.0R	-7.8M
255C Pioche	KBZB	LIC NV	C 162.0	342.0 75.53 BLH20000317ABQ	37 53 44 114 34 41	5 1014	2870 88.2	74.1 Gla-mar Broadcasting, Llc	35.0R	40.5M

--- Channel 202 88.3 MHz. ---

203C1 Mesquite	950512	CP NV	DVX 19.0	199.0 63.34 BPED19950512MA	36 42 33 114 32 35	100 36	880 145.4	99.2 Southern Nevada Ed Broadca	-98.22<	-115.39<
201C2 Las Vegas	KCEP	LIC NV	CY 24.4	204.4 151.00 BLED19930617KA	36 00 31 115 00 22	10 535	1059 144.4	98.2 Economic Opportunity Board	-42.10<	-57.85<
255C Pioche	KBZB.A	APP NV	CX 150.1	330.1 27.20 BPH20030819ABR	37 27 40 114 27 55	100 686	2283 96.6	80.2 Gla-mar Broadcasting, Llc	29.0R	-1.8M
255C Pioche	KBZB	LIC NV	C 162.0	342.0 75.53 BLH20000317ABQ	37 53 44 114 34 41	5 1014	2870 88.2	74.1 Gla-mar Broadcasting, Llc	29.0R	46.5M

--- Channel 203 88.5 MHz. ---

203C1 Mesquite	950512	CP NV	DVX 19.0	199.0 63.34 BPED19950512MA	36 42 33 114 32 35	100 36	880 209.9	99.2 Southern Nevada Ed Broadca	-168.37<	-179.92<
203A Kingman	AP203	APP AZ	VX 351.2	171.2 241.87 BNPED20000406ABG	35 05 39 113 54 19	0.5 954	2355 212.6	100.6 Faith Communications Corp.	22.98	-18.95<

--- Channel 204 88.7 MHz. ---

203C1 Mesquite	950512	CP NV	DVX 19.0	199.0 63.34 BPED19950512MA	36 42 33 114 32 35	100 36	880 145.4	99.2 Southern Nevada Ed Broadca	-98.22<	-115.39<
205C Las Vegas	KNPR.C	CP NV	CX 37.1	217.1 177.66 BMPED20030214AAC	35 58 02 115 30 06	24.7 1283	2573 141.6	95.8 Nevada Public Radio Corpor	-55.59<	-58.32<
207A St. George	KAER.C	CP UT	CX 282.6	102.6 67.25 BPED19990510ME	37 06 54 113 34 23	0.9 40	949 15.1	95.3 Educational Media Foundati	-29.66<	40.90

--- Channel 205 88.9 MHz. ---

205C Las Vegas	KNPR.C	CP NV	CX 37.1	217.1 177.66 BMPED20030214AAC	35 58 02 115 30 06	24.7 1283	2573 204.3	95.8 Nevada Public Radio Corpor	-118.82<	-121.04<
203C1 Mesquite	950512	CP NV	DVX 19.0	199.0 63.34 BPED19950512MA	36 42 33 114 32 35	100 36	880 16.2	99.2 Southern Nevada Ed Broadca	-39.24<	13.79
207A St. George	KAER.C	CP UT	CX 282.6	102.6 67.25 BPED19990510ME	37 06 54 113 34 23	0.9 40	949 15.1	95.3 Educational Media Foundati	-29.66<	40.90

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY WEST

REFERENCE 37 14 56 N 114 18 42 W	Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 1963 M Average Protected F(50-50)= 91.82 km Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7	DISPLAY DATES DATA 11-08-03 SEARCH 11-11-03
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CH CITY	CALL STATE	TYPE FILE #	AZI. <-	DIST #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km)	*IN*	*OUT*
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--- Channel 206 89.1 MHz. ---

207A KAER.C St. George	CP CX 102.6 67.25 UT 282.6 BPED19990510ME	37 06 54 113 34 23	0.9 40	949 141.0	95.3 Educational Media Foundati	-44.21<	-85.04<
205C KNPR.C Las Vegas	CP CX 217.1 177.66 NV 37.1 BMPED20030214AAC	35 58 02 115 30 06	24.7 1283	2573 141.6	95.8 Nevada Public Radio Corpor	-55.59<	-58.32<
203C1 950512 Mesquite	CP DVX 199.0 63.34 NV 19.0 BPED19950512MA	36 42 33 114 32 35	100 36	880 16.2	99.2 Southern Nevada Ed Broadca	-39.24<	13.79
260C KONY St. George	LIC C 121.3 85.55 UT 301.3 BMLH20020215ABJ	36 50 49 113 29 28	90 693	1991 120.7	96.8 Fm Radio 99.9, Inc.	48.0R	37.6M
260C ALLO St. George	RSV 121.3 85.55 UT 301.3 RM	36 50 49 113 29 28	100 667	1965 120.7	96.8 120.7	48.0R	37.6M

--- Channel 207 89.3 MHz. ---

207A KAER.C St. George	CP CX 102.6 67.25 UT 282.6 BPED19990510ME	37 06 54 113 34 23	0.9 40	949 203.6	95.3 Educational Media Foundati	-68.17<	-147.59<
208C KCNV Las Vegas	LIC CY 204.7 158.84 NV 24.7 BLED19890906KA	35 56 50 115 03 01	100 540	1256 144.1	98.0 Nevada Public Radio Corpor	-72.18<	-74.32<
208C2 KNAY.C Fredonia	CP CX 106.8 195.55 AZ 286.8 BMPED20010212ABY	36 43 18 112 12 57	10 366	2432 141.9	96.1 Arizona Board Of Regents F	19.29	-0.70<
260C ALLO St. George	RSV 121.3 85.55 UT 301.3 RM	36 50 49 113 29 28	100 667	1965 120.7	96.8 120.7	31.0R	54.6M
260C KONY St. George	LIC C 121.3 85.55 UT 301.3 BMLH20020215ABJ	36 50 49 113 29 28	90 693	1991 120.7	96.8 Fm Radio 99.9, Inc.	31.0R	54.6M

--- Channel 208 89.5 MHz. ---

208C KCNV Las Vegas	LIC CY 204.7 158.84 NV 24.7 BLED19890906KA	35 56 50 115 03 01	100 540	1256 207.8	98.0 Nevada Public Radio Corpor	-132.68<	-138.06<
207A KAER.C St. George	CP CX 102.6 67.25 UT 282.6 BPED19990510ME	37 06 54 113 34 23	0.9 40	949 141.0	95.3 Educational Media Foundati	-44.21<	-85.04<
208C2 KNAY.C Fredonia	CP CX 106.8 195.55 AZ 286.8 BMPED20010212ABY	36 43 18 112 12 57	10 366	2432 204.8	96.1 Arizona Board Of Regents F	-30.55<	-63.55<
209C2 KCNV.C Las Vegas	CP CN 222.9 138.21 NV 42.9 BPED20010830ADB	36 20 00 115 21 41	34 75	1074 141.1	95.4 Nevada Public Radio Corpor	-16.07<	-39.71<
209C2 KCNV.C Las Vegas	CP DCX 217.0 177.74 NV 37.0 BMPED20030214AAB	35 57 57 115 30 03	0.55 1286	2570 141.6	95.8 Nevada Public Radio Corpor	0.93	-18.27<

--- Channel 209 89.7 MHz. ---

209C2 KCNV.C Las Vegas	CP CN 222.9 138.21 NV 42.9 BPED20010830ADB	36 20 00 115 21 41	34 75	1074 203.6	95.4 Nevada Public Radio Corpor	-73.71<	-102.28<
208C KCNV Las Vegas	LIC CY 204.7 158.84 NV 24.7 BLED19890906KA	35 56 50 115 03 01	100 540	1256 144.1	98.0 Nevada Public Radio Corpor	-72.18<	-74.32<

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY WEST

REFERENCE 37 14 56 N 114 18 42 W	Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 1963 M Average Protected F(50-50)= 91.82 km Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7	DISPLAY DATES DATA 11-08-03 SEARCH 11-11-03
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CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
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209C2 Las Vegas	KCNV.C	CP NV	217.0 37.0	177.74 BMPED20030214AAB	35 57 57 115 30 03	0.55 1286	2570 204.3	95.8 Nevada Public Radio Corpor	-46.24<	-80.99<
207A St. George	KAER.C	CP UT	102.6 282.6	67.25 BPED19990510ME	37 06 54 113 34 23	0.9 40	949 15.1	95.3 Educational Media Foundati	-29.66<	40.90
210C Bullhead City	981023	APP AZ	170.6 350.6	240.76 BPED19981023MO	35 06 28 113 52 40	40 1062	2382 146.9	100.6 Csn International	0.46	-2.29<
208C2 Fredonia	KNAY.C	CP AZ	106.8 286.8	195.55 BMPED20010212ABY	36 43 18 112 12 57	10 366	2432 141.9	96.1 Arizona Board Of Regents F	19.29	-0.70<
 --- Channel 210 89.9 MHz. ---										
209C2 Las Vegas	KCNV.C	CP NV	222.9 42.9	138.21 BPED20010830ADB	36 20 00 115 21 41	34 75	1074 141.1	95.4 Nevada Public Radio Corpor	-16.07<	-39.71<
210C Bullhead City	981023	APP AZ	170.6 350.6	240.76 BPED19981023MO	35 06 28 113 52 40	40 1062	2382 212.6	100.6 Csn International	-63.22<	-68.00<
207A St. George	KAER.C	CP UT	102.6 282.6	67.25 BPED19990510ME	37 06 54 113 34 23	0.9 40	949 15.1	95.3 Educational Media Foundati	-29.66<	40.90
210C1 Kingman	990506	APP AZ	171.2 351.2	243.28 BPED19990506MB	35 04 53 113 54 15	0.7 1127	2609 212.6	100.6 Broadcasting For The Chall	14.55	-23.87<
209C2 Las Vegas	KCNV.C	CP NV	217.0 37.0	177.74 BMPED20030214AAB	35 57 57 115 30 03	0.55 1286	2570 141.6	95.8 Nevada Public Radio Corpor	0.93	-18.27<
 --- Channel 211 90.1 MHz. ---										
214C3 St. George	CP214	CP UT	107.3 287.3	68.84 BNPD20000118ADN	37 03 48 113 34 20	18 3	974 15.3	96.1 Casper Learning Fm Incorpo	-29.36<	32.53
265C Moapa	RADD	ADD NV	198.3 18.3	46.88	36 50 52 114 28 37	100 8	1584 123.6	99.4	48.0R	-1.1M
210C Bullhead City	981023	APP AZ	170.6 350.6	240.76 BPED19981023MO	35 06 28 113 52 40	40 1062	2382 146.9	100.6 Csn International	0.46	-2.29<
 --- Channel 212 90.3 MHz. ---										
213C Las Vegas	KILA	LIC NV	204.4 24.4	151.03 BLED19850819KW	36 00 29 115 00 20	100 549	1074 144.4	98.2 Faith Communications Corp.	-80.96<	-82.96<
214C3 St. George	CP214	CP UT	107.3 287.3	68.84 BNPD20000118ADN	37 03 48 113 34 20	18 3	974 15.3	96.1 Casper Learning Fm Incorpo	-29.36<	32.53
265C Moapa	RADD	ADD NV	198.3 18.3	46.88	36 50 52 114 28 37	100 8	1584 123.6	99.4	41.0R	5.9M
 --- Channel 213 90.5 MHz. ---										
213C Las Vegas	KILA	LIC NV	204.4 24.4	151.03 BLED19850819KW	36 00 29 115 00 20	100 549	1074 208.3	98.2 Faith Communications Corp.	-141.46<	-146.87<
214C3 St. George	CP214	CP UT	107.3 287.3	68.84 BNPD20000118ADN	37 03 48 113 34 20	18 3	974 141.9	96.1 Casper Learning Fm Incorpo	-59.04<	-94.09<

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY WEST

REFERENCE 37 14 56 N 114 18 42 W	Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 1963 M Average Protected F(50-50)= 91.82 km	DISPLAY DATES DATA 11-08-03 SEARCH 11-11-03
Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7		

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(KW) HAAT(M)	COR(M) INT(km)	PRO(km)	LICENSEE	*IN* (Overlap in km)	*OUT*
216A Mesquite	KARQ.C	CP NV	CX 354.4	174.4 54.02 BNPED20000118AAM	36 45 52 114 15 10	0.625 -41	715 16.6	100.7	-48.24<	28.42	Educational Media Foundati

--- Channel 214 90.7 MHz. ---

214C3 St. George	CP214	CP UT	CX 287.3	107.3 68.84 BNPED20000118ADN	37 03 48 113 34 20	18 3	974 204.8	96.1	-120.02<	-156.94<	Casper Learning Fm Incorpo
213C Las Vegas	KILA	LIC NV	CN 24.4	204.4 151.03 BLED19850819KW	36 00 29 115 00 20	100 549	1074 144.4	98.2	-80.96<	-82.96<	Faith Communications Corp.
216A Mesquite	KARQ.C	CP NV	CX 354.4	174.4 54.02 BNPED20000118AAM	36 45 52 114 15 10	0.625 -41	715 16.6	100.7	-48.24<	28.42	Educational Media Foundati
268C1 Pioche	RADD	ADD NV	350.9 170.9	76.57	37 55 48 114 27 00	100 500	2111 82.9	69.8	35.0R	41.6M	

--- Channel 215 90.9 MHz. ---

216A Mesquite	KARQ.C	CP NV	CX 354.4	174.4 54.02 BNPED20000118AAM	36 45 52 114 15 10	0.625 -41	715 147.0	100.7	-59.28<	-101.96<	Educational Media Foundati
214C3 St. George	CP214	CP UT	CX 287.3	107.3 68.84 BNPED20000118ADN	37 03 48 113 34 20	18 3	974 141.9	96.1	-59.04<	-94.09<	Casper Learning Fm Incorpo
216C3 Cedar City	KSUU	LIC UT	CN 247.2	67.2 116.67 BLED19850219KK	37 38 55 113 05 32	10 172	1892 136.2	91.5	-34.97<	-60.23<	South State University
268C1 Pioche	RADD	ADD NV	350.9 170.9	76.57	37 55 48 114 27 00	100 500	2111 82.9	69.8	31.0R	45.6M	

--- Channel 216 91.1 MHz. ---

216A Mesquite	KARQ.C	CP NV	CX 354.4	174.4 54.02 BNPED20000118AAM	36 45 52 114 15 10	0.625 -41	715 212.7	100.7	-77.07<	-167.72<	Educational Media Foundati
216C3 Cedar City	KSUU	LIC UT	CN 247.2	67.2 116.67 BLED19850219KK	37 38 55 113 05 32	10 172	1892 197.2	91.5	-80.66<	-121.28<	South State University
216B 971010 Las Vegas		APP NV	VN 30.1	210.1 224.85 BPED19971010MC	35 29 27 115 33 27	2.3 701	1851 205.4	96.5	-4.13<	-36.79<	Southern Nevada Ed Broadca
214C3 St. George	CP214	CP UT	CX 287.3	107.3 68.84 BNPED20000118ADN	37 03 48 113 34 20	18 3	974 15.3	96.1	-29.36<	32.53	Casper Learning Fm Incorpo

--- Channel 217 91.3 MHz. ---

216A Mesquite	KARQ.C	CP NV	CX 354.4	174.4 54.02 BNPED20000118AAM	36 45 52 114 15 10	0.625 -41	715 147.0	100.7	-59.28<	-101.96<	Educational Media Foundati
216C3 Cedar City	KSUU	LIC UT	CN 247.2	67.2 116.67 BLED19850219KK	37 38 55 113 05 32	10 172	1892 136.2	91.5	-34.97<	-60.23<	South State University
218C1 Las Vegas	KUNV	LIC NV	CN 24.4	204.4 151.06 BLED19840906DM	36 00 28 115 00 20	15 517	1042 144.4	98.2	-46.95<	-60.96<	Univ Of Nevada System Bd O
214C3 St. George	CP214	CP UT	CX 287.3	107.3 68.84 BNPED20000118ADN	37 03 48 113 34 20	18 3	974 15.3	96.1	-29.36<	32.53	Casper Learning Fm Incorpo

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY WEST

REFERENCE 37 14 56 N 114 18 42 W	Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 1963 M Average Protected F(50-50)= 91.82 km Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7	DISPLAY DATES DATA 11-08-03 SEARCH 11-11-03
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CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
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--- Channel 218 91.5 MHz. ---

218C1 KUNV Las Vegas	LIC NV	CN 204.4 24.4	151.06 BLED19840906DM	36 00 28 115 00 20	15 517	1042 208.3	98.2 Univ Of Nevada System Bd O	-101.13<	-124.87<
219C3 KLNR Panaca	LIC NV	CN 342.0 162.0	75.35 BLED19891030KA	37 53 38 114 34 40	0.1 1020	2871 107.6	74.1 Nevada Public Radio Corpor	-51.01<	-66.43<
216A KARQ.C Mesquite	CP NV	CX 174.4 354.4	54.02 BNPED20000118AAM	36 45 52 114 15 10	0.625 -41	715 16.6	100.7 Educational Media Foundati	-48.24<	28.42
221C RADD Cedar City	ADD UT		61.7 241.7	93.85	37 38 41 113 22 28	100 689	2505 13.1	89.8	-10.99< -14.51*<
272C1 RADD Overton	ADD NV		179.7 359.7	52.59	36 46 30 114 18 30	100 72	988 124.9	100.6	35.0R 17.6M

--- Channel 219 91.7 MHz. ---

219C3 KLNR Panaca	LIC NV	CN 342.0 162.0	75.35 BLED19891030KA	37 53 38 114 34 40	0.1 1020	2871 174.7	74.1 Nevada Public Radio Corpor	-95.44<	-133.52<
218C1 KUNV Las Vegas	LIC NV	CN 204.4 24.4	151.06 BLED19840906DM	36 00 28 115 00 20	15 517	1042 144.4	98.2 Univ Of Nevada System Bd O	-46.95<	-60.96<
216A KARQ.C Mesquite	CP NV	CX 174.4 354.4	54.02 BNPED20000118AAM	36 45 52 114 15 10	0.625 -41	715 16.6	100.7 Educational Media Foundati	-48.24<	28.42
220C ALLO Kingman	VAC AZ		174.1 354.1	229.76	35 11 20 114 03 12	100 483	1681 147.0	100.7	1.49< -2.85<
221C RADD Cedar City	ADD UT		61.7 241.7	93.85	37 38 41 113 22 28	100 689	2505 13.1	89.8	-10.99< -14.51*<
219C2 KNAD Page	LIC AZ	C 103.6 283.6	246.29 BLED19991014AAS	36 41 51 111 37 57	1 699	2071 204.0	95.6 Az Board Of Regents For N.	31.39	-5.80<
220C 980611 Kingman	APP AZ	VN 170.7 350.7	240.07 BPED19980611ME	35 06 48 113 53 00	30 1081	2362 146.9	100.6 American Family Associatio	4.03	-0.08<
220C 970822 Kingman	APP AZ	EN 170.6 350.6	240.50 BPED19970822MA	35 06 35 113 52 51	40 1051	2350 146.9	100.6 Csn International	0.53	-2.31<
272C1 RADD Overton	ADD NV		179.7 359.7	52.59	36 46 30 114 18 30	100 72	988 124.9	100.6	29.0R 23.6M

--- Channel 220 91.9 MHz. ---

221C RADD Cedar City	ADD UT		61.7 241.7	93.85	37 38 41 113 22 28	100 689	2505 134.0	89.8	-136.88< -135.42*<
219C3 KLNR Panaca	LIC NV	CN 342.0 162.0	75.35 BLED19891030KA	37 53 38 114 34 40	0.1 1020	2871 107.6	74.1 Nevada Public Radio Corpor	-51.01<	-66.43<
220C ALLO Kingman	VAC AZ		174.1 354.1	229.76	35 11 20 114 03 12	100 483	1681 212.7	100.7	-60.35< -68.61<
220C 980611 Kingman	APP AZ	VN 170.7 350.7	240.07 BPED19980611ME	35 06 48 113 53 00	30 1081	2362 212.6	100.6 American Family Associatio	-57.48<	-65.79<

CHANNEL PRECLUSION STUDY
TOQUERVILLE, UT
MAXIMUM FACILITY WEST

REFERENCE 37 14 56 N 114 18 42 W	Class= C , Pwr= 100 kW, HAAT= 600 M, COR= 1963 M Average Protected F(50-50)= 91.82 km Ave. F(50-10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7	DISPLAY DATES DATA 11-08-03 SEARCH 11-11-03						
CH CITY	CALL STATE	TYPE AZI. <-- DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
220C Kingman	970822	APP EN AZ 350.6 BPED19970822MA	170.6 240.50 350.6 BPED19970822MA	35 06 35 113 52 51	40 1051	2350 212.6	100.6 Csn International	-62.93< -68.02<
220C Kingman	980619	APP VN AZ 351.2 BPED19980619MH	171.2 243.28 351.2 BPED19980619MH	35 04 53 113 54 15	24 1137	2619 212.6	100.6 Broadcasting For The Chall	-51.35< -61.08<
223C Cedar City	KXFF<	LIC CN UT 241.7 BLH7203	61.7 93.85 241.7	37 38 41 113 22 28	41 599	2415 13.1	89.8 Mb Media Group, Inc.	-6.16< -2.03<
223C Cedar City	RDEL<	DEL UT	61.7 93.85 241.7	37 38 41 113 22 28	100 689	2505 13.1	89.8 -10.99<	-14.51*<
06Z2 Caliente	NEW	ADM HN NV 164.4 BPRM20000717ABW	344.4 61.61 164.4 BPRM20000717ABW	37 47 00 114 30 00	100 569	2019 444.6	0.0 Tv 6 Kaleidoscope Foundati	To Grd B= -64.34